

RECEIVED

MAR 29 2006

PUBLIC SERVICE
COMMISSION

EAST KENTUCKY NETWORK

d/b/a

APPALACHIAN WIRELESS

CASE # 2006-00026

CANOE TOWER APPLICATION

BREATHITT COUNTY, KENTUCKY

27-Mar-06

RECEIVED

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

MAR 29 2006

PUBLIC SERVICE
COMMISSION

In the matter of:

THE APPLICATION OF EAST KENTUCKY NETWORK)
LIMITED LIABILITY COMPANY FOR THE ISSUANCE)
OF A CERTIFICATE OF PUBLIC CONVENIENCE AND) CASE No 2006-00026
NECESSITY TO CONSTRUCT A TOWER IN BREATHITT)
COUNTY, KENTUCKY).

In case number 91-002 East Kentucky Network, LLC, formerly Mountaineer Cellular Limited Liability Company was granted a Certificate of Public Convenience and Necessity by the Kentucky Public Service Commission to construct and operate a cellular radio telecommunications system for KY RSA 10.

In an effort to improve service in Breathitt County, East Kentucky Network, LLC Pursuant to KRS 278.020 Subsection 1 and 807 KAR 5:001 Section 9 is seeking the Commission's approval to construct a tower near Canoe, Kentucky. The proposed tower will be a 300 foot self-supporting tower located on a ridgeline between Turkey Creek and the Middle Fork River approximately one and one half miles southwest of Shoulderblade in Breathitt County. A map and detailed directions to the site can be found in Exhibit 8.

East Ky Network LLC merger documents were filed with the Commission on February 2, 2001 in Case # 2001-022.

FAA and Kentucky Airport Zoning Commission approvals have been applied for and final approval is included within this application. These applications are enclosed as Exhibit 4 and 6.

No Federal Communications Commission approval is required prior to construction of this facility. Once service is established from this tower we must immediately notify the Federal Communications Commission of its operation. Prior approval is needed only if the proposed

facility increases the size of the cellular geographic service area. This cell site will not expand the cellular geographic service area.

A geologist was employed to determine soil and rock types and to ascertain the distance to solid bedrock. The geotechnical report is enclosed as Exhibit 3

A copy of the tower design information is enclosed as Exhibit 5. The proposed tower has been designed by engineers at Dielectric Tower Operations and will be constructed under their supervision. Their qualifications are evidenced in Exhibit 5 by the seal and signature of the registered professional engineer responsible for this project.

The tower will be erected by A & D Communication of Cattlesburg, Kentucky. A & D has vast experience in the erection of communications towers.

Enclosed, and should be filed with Exhibit 10, back of folder, is a survey of the proposed tower site signed by a Kentucky registered professional engineer. There is no structure within 500 feet of the proposed tower as indicated in this enclosure. Exhibit 2 is a list of all Property owners or residents within 500' of the proposed tower. No other properties are contiguous with East Kentucky's property.

Exhibit 10, back of folder, also contains a vertical sketch of the tower supplied by Coleman Engineering.

Pursuant to 807 KAR5:063 Sections 1 (1)(L) and Section 1(1)(n)(1) all affected property owners according to the property valuation administrator's record who reside or own property within 500 feet of the proposed Tower were notified by certified mail return receipt requested of East Kentucky Network, LLC's proposed construction and informed of their right to intervene. They were given the docket number under which this application is filed. Enclosed in Exhibit 2 is a copy of that notification.

Breathitt County has no formal local planning unit. In absence of this unit the Breathitt County Judge Executive's office was notified by certified mail, return receipt requested of East Kentucky Network Limited Liability Company's proposal and informed of their right to intervene. They were given the docket number under which this application is filed. Enclosed in Exhibit 1 is a copy of that notification.

East Kentucky Network, LLC will finance the subject Construction with earned surplus in its General Fund.

Estimated Cost of Construction	140,000.00
Annual Operation Expense of Tower	12,500.00

A sign 24" X 48" which conforms to the Public Service Commissions guidelines issued on September 3, 1997 was posted on the site on March 27, 2006 and will remain posted for at least two weeks after filing of this application as specified by the PSC guidelines. A second such sign was posted at the nearest public road, and will remain posted two weeks after this filing.

Enclosed in Exhibit 9 is a copy of East Kentucky Network LLC's deeds to the site.

Notice of the location of the proposed construction was published on the first and second weeks of April the Jackson Times, in Jackson, Kentucky. Enclosed is a copy of that notice in Exhibit 1. The Jackson Times is the newspaper with the largest circulation in Breathitt County.

The proposed construction site is on a very rugged mountaintop some feet from the nearest structure. Prior to construction the site was wooded.

Due to the steep hillside surrounding the proposed site, the property in close proximity is unsuitable for any type of development. East Kentucky Network LLC's operation will not affect the use of nearby land nor its value. No more suitable site exists in the area. A copy of the search area map is enclosed in Exhibit 8. No other tower capable of supporting East Kentucky Network LLC's load exists in the general area; therefore, there is no opportunity for co-location of our facilities with anyone else.

WHEREFORE, Applicant respectfully requests that the PSC accept the foregoing Application for filing, and having met the requirements of KRS [278.020(1), 278.650, and 278.665] and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the proposed tower.

The foregoing document was prepared by Janice Robinson, Technical Site Coordinator for East Kentucky Network d/b/a Appalachian Wireless. All related questions or correspondence concerning this filing should be mailed to Gerald Robinette, General Manager, East Kentucky Network, LLC d/b/a Appalachian Wireless, P. O. Box 405, Prestonsburg, KY 41653.

SUBMITTED BY:  DATE: 3-28-06

Gerald Robinette, General Manager

Contacts:

Gerald Robinette, General Manager
Phone: (606) 791-2375, Ext. 111
Email: grobinette@ekn.com

Janice Robinson, Technical Site Coordinator
Phone: (606) 791-2375, Ext. 166
Email: jrobinson@ekn.com

Mailing Address:

East Kentucky Network, LLC.
d/b/a Appalachian Wireless
355 Village Drive
P. O. Box 405
Prestonsburg, KY 41653

CANOE CELLTOWER SITE
Breathitt County, KY
CASE # 2006-00026

EXHIBIT

ITEM

- 1) NOTIFICATION/RESPONSE FROM COUNTY.
 - 2) COPIES OF CELL SITE NOTICES.
 - 3) UNIVERSAL LETTER OF SOIL BEARING ANALYSIS.
 - 4) KENTUCKY AIRPORT ZONING COMMISSION APPLICATION.
 - 5) TOWER DESIGN.
 - 6) FAA APPROVAL/NOTICE OF PROPOSED CONSTRUCTION.
 - 7) 2004 AUDITED FINANCIAL STATEMENTS.
 - 8) DRIVING DIRECTIONS AND MAP TO SUITABLE SCALE.
 - 9) DEED/LEASE AGREEMENT FOR PROPOSED SITE.
-
- 10) SURVEY OF SITE SIGNED/SEALED BY PROFESSIONAL ENGINEER REGISTERED IN KENTUCKY.

EAST KENTUCKY NETWORK
POST OFFICE BOX 405
PRESTONSBURG, KY 41653
PHONE: (606)886-6007
FAX: (606)886-0206
EMAIL: INFO@EKN.COM
WEBSITE: EKN.COM

EAST KENTUCKY
NETWORK



VIA: U.S. CERTIFIED MAIL

March 21, 2006

LEWIS WARRIX, Judge Executive
Breathitt County Court House
1137 Main Street
Jackson, KY 41339

Phone (606) 606-666-3800

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2006-00026)

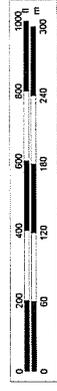
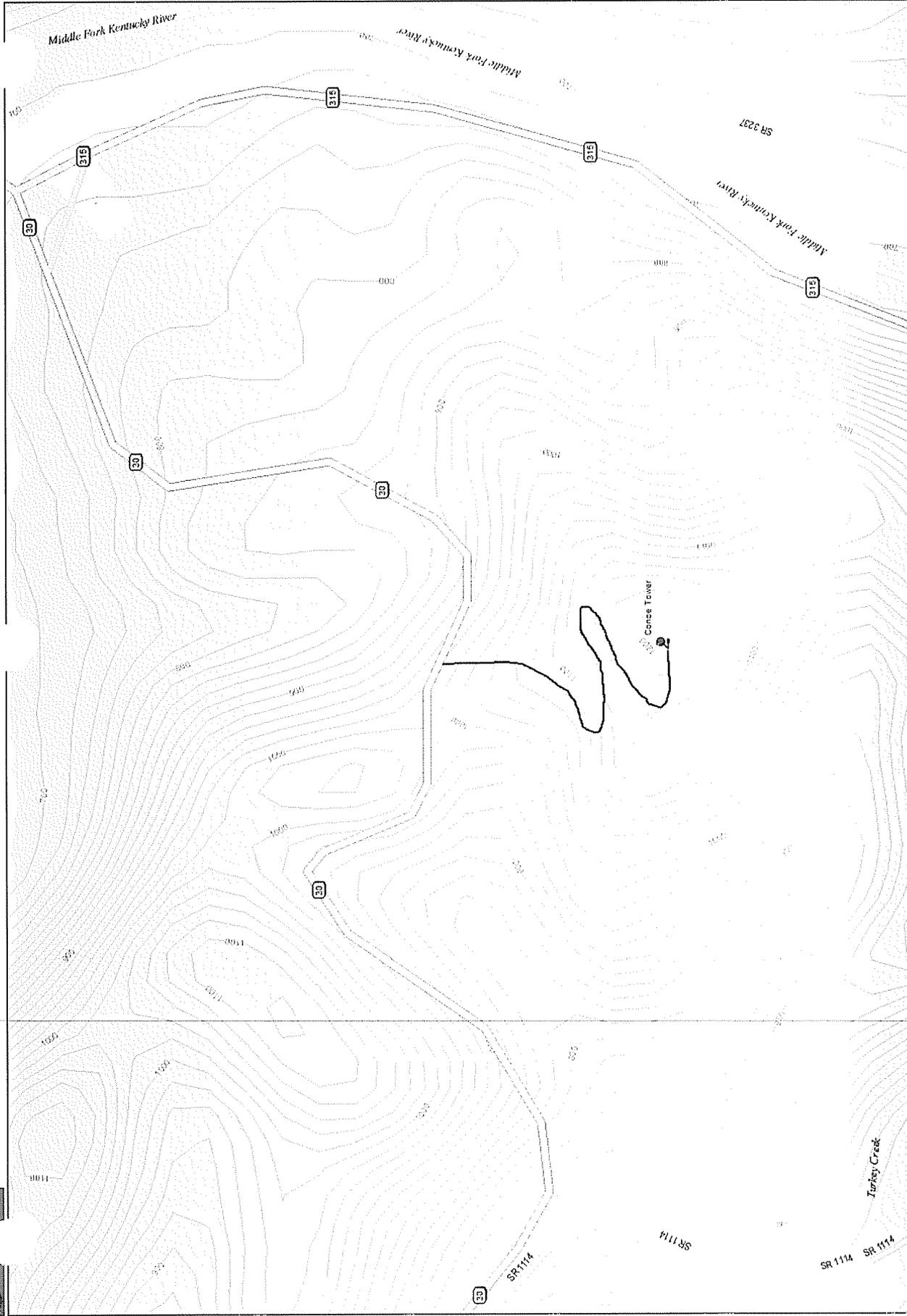
East Kentucky Network, LLC d/b/a Appalachian Wireless has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service. The facility will include a 300 foot self supported tower, with attached antennas extending upwards, and an equipment shelter to be located on a ridge in Breathitt County near Canoe, Kentucky. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you are the County Judge Executive of Breathitt County.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, P.O. Box 615, Frankfort, KY 40602. Please refer to Case No. 2006-00026 in your correspondence.

Sincerely,

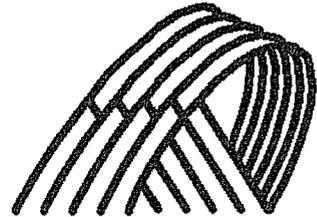
Janice Robinson
Technical Site Coordinator
enclosure



Data Zoom 15-2

d/b/a Appalachian Wireless
P.O. Box 405
355 Village Drive
Prestonsburg, KY 41653
Phone: 606/886-6007
Fax: 606/791-2225

EAST KENTUCKY NETWORK



Fax

To:	Jackson Times	From:	JANICE ROBINSON Technical Site Coordinator
Fax:	606-663-5540	Phone:	606-791-2375, Ext. 166
Phone:	606-666-2451	Pages:	<input type="text" value="1"/> Pages (INCLUDING COVER)
Re:	PUBLIC NOTICE ADVERTISEMENT	Date:	March 27, 2006

We would like to have the following public notice printed in Jackson Times two weeks beginning on the week of April 6th with bill being sent to East Kentucky Network, P. O. Box 405, Prestonsburg. The notice should state the following:

PUBLIC NOTICE:

RE: Public Service Commission of Kentucky (CASE NO. 2006-00026)

Notice is hereby given that East Kentucky Network, LLC, dba Appalachian Wireless has applied to the Kentucky Public Service Commission to construct a tower near Canoe, in Breathitt County, Kentucky. The proposed tower will be a 300-foot self-supporting tower. The proposed tower site is located on a ridgeline between Turkey Creek and the Middle Fork River, both being tributaries of the Kentucky River, approximately one and one-half miles southwest of Shoulderblade in Breathitt County. If you would like to respond to this notice, please contact the Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to Case No. 2006-00026.

If you have questions about the placement of the above mentioned notice, please call me at 606-791-2375, ext. 166.

Thank you,

Janice Robinson, **Technical Site Coordinator**

If you have any problems with this fax, please call 606/886-6007.

The message above and the information contained in the documents transmitted are confidential and intended only for the person(s) named above. Dissemination, distribution or copying of this communication by anyone other than the person(s) named above is prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the address listed above via regular mail. Thank you.

TRANSMISSION VERIFICATION REPORT

TIME : 03/27/2005 13:01

DATE, TIME	03/27 13:00
FAX NO./NAME	16066665757
DURATION	00:00:56
PAGE(S)	01
RESULT	OK
MODE	STANDARD ECM

EXHIBIT II : LIST OF PROPERTY OWNERS:

CANOE CELL SITE, BREATHITT COUNTY, KENTUCKY

Statement Pursuant to Section 1 (1) (I) 807 KAR 5:063: Case No. 2006-00026

Section 1 (1)(I) 1. The following is a list of every property owner who according to property valuation administrator's records, owns property within 500 feet of the proposed tower and each have been: notified by certified mail, return receipt requested, of the proposed construction.,

Section 1 (1) I 2. : Every person listed below who, according to the property valuation administrator's records, owns property within 500 feet of the proposed tower has been: Given the Commission docket number under which the application will be processed: and

Section 1 (1) I 3. Every person listed below who, according to property valuation administrator's records, owns property within 500 feet of the proposed tower has been: Informed of his right to request intervention.

LIST OF PROPERTY OWNERS

Arch Johnson
12060 HWY 30 West
Booneville, KY 41314

David A. Combs
15 Burlington Ave.
Dayton, OH 45403

Sam Combs Heirs
c/o Susan Combs Chapman
170 HWY 315
Booneville, KY 41314

EAST KENTUCKY NETWORK
POST OFFICE BOX 405
PRESTONSBURG, KY 41653
PHONE: (606)886-6007
(606)886-0206
E-MAIL: INFO@EKN.COM
WEBSITE: EKN.COM

EAST KENTUCKY
NETWORK



VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 27, 2006

Sam Combs Heirs
c/o Susan Combs Chapman.
170 HWY 315
Booneville, KY 41314

RE: Public Notice-Public Service Commission of Kentucky (Case No. 2006-00026)

East Kentucky Network, LLC d/b/a Appalachian Wireless has applied to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular telecommunications service. The facility will include a 250-foot self-supported tower, plus attached antennas extending upwards, and an equipment shelter to be located on a ridgeline between Turkey Creek and the Middle Fork River approximately one and one half miles southwest of Shoulderblade in Breathitt County. A map showing the location of the proposed new facility is enclosed. This notice is being sent to you because you may own property or reside within a 500' radius of the proposed tower.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter. The Commission must receive your initial communication within 20 days of the date of this letter as shown above.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, P.O. Box 615, Frankfort, KY 40602. Please refer to Case No. 2006-00026 in your correspondence.

Sincerely,

Janice Robinson
Technical Site Coordinator

Enclosure: (1) map.

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POST OFFICE BOX 405
PRESTONSBURG, KY 41653
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VIA: U.S. CERTIFIED MAIL

PUBLIC NOTICE

March 27, 2006

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12060 HWY 30 West
Booneville, KY 41314

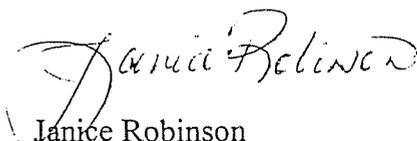
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Sincerely,

Janice Robinson
Technical Site Coordinator

Enclosure: (1) map.

WENDELL R. HOLMES, P.G.

120 Church Street
Apartment 3
Whitesburg, KY 41858
(606) 633-1511

January 31, 2006

Canoe Tower Site

Purpose:

A site assessment was conducted for Appalachian Wireless on a tract of land located in Breathitt County near Canoe, Kentucky. The site of the proposed tower is now forestland. The purpose of this investigation was to determine the depth to bedrock and of what type of rock the bedrock consists.

Site Investigation:

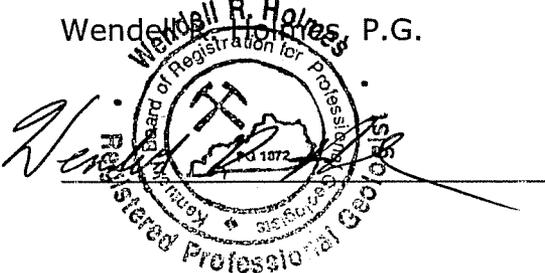
The trenching method was used to determine the type of bedrock material at the proposed tower site. A Caterpillar excavator was used to expose the bedrock material. It is approximately 1.00 feet to the sandy shale bedrock. (See attached page for descriptions of materials encountered.)

The terrain in Breathitt County is moderately to very steep. The tower site is located on a ridgeline between Turkey Creek and the Middle Fork River, both being tributaries of the Kentucky River, approximately one and one half miles southwest of Shoulderblade in Breathitt County. The sandy shale formation below the tower site is approximately 25.00 feet thick, based on the information obtained from the site investigation and geological maps of the area.

Conclusions:

The proposed tower site is located on a ridge in the area. The sandy shale bedrock on the proposed tower site is part of the Breathitt Formation, and is middle to lower Pennsylvanian in age. Tests were not conducted to determine the load-bearing strength of the bedrock. However, it is apparent that the tower will be constructed on the sandy shale bedrock formation.

The field work for this site was performed by Wendell R. Holmes, using generally accepted methods in the practice of geological science.

Wendell R. Holmes P.G.


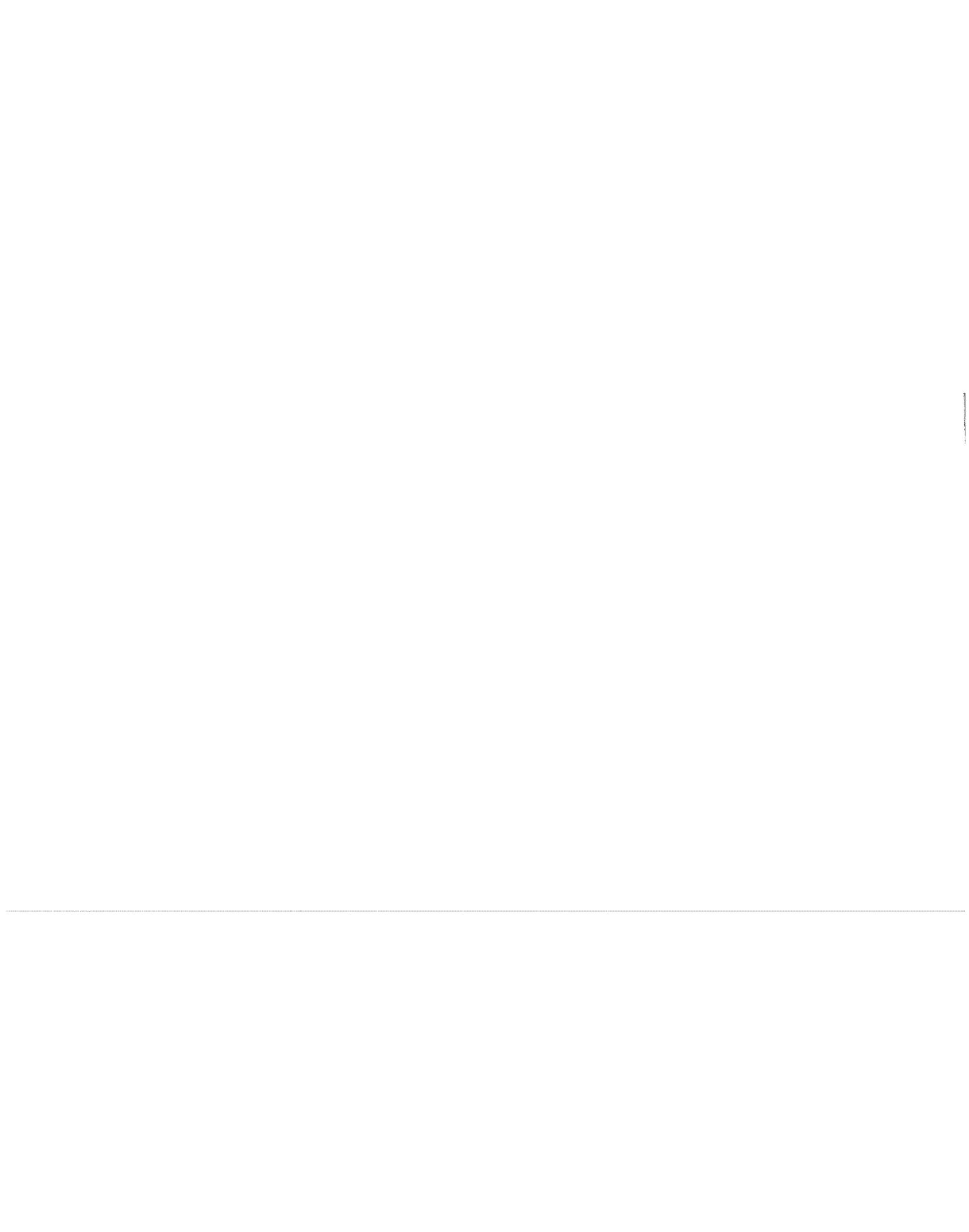
WENDELL R. HOLMES, P.G.

120 Church Street Apartment 3
Whitesburg, Ky. 41858

Geologist Log

Location: Canoe Tower Site

Unit Thickness	Total depth	Strata	Description
1.00'	1.00'	Soil	Yellow and Brown, with Shale and Sandy shale Fragments
7.50'	8.50'	Sandy Shale	Yellow, Brown and Weathered
1.00'	9.50'	Shale	Brown and Gray
15.50'	25.050'	Sandy Shale	Brown and Gray





Federal Aviation Administration
 Air Traffic Airspace Branch, ASW-520
 2601 Meacham Blvd.
 Fort Worth, TX 76137-0520

Aeronautical Study No.
 2006-ASO-689-OE

Issued Date: 03/01/2006

Art Adam
 East Kentucky Network, LLC
 1650 Tysons Blvd; Suite 1500
 McLean, VA 22102

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: Antenna Tower
 Location: Turkey, KY
 Latitude: 37-28-46.24 NAD 83
 Longitude: 83-29-16.59
 Heights: 315 feet above ground level (AGL)
 1515 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1 K, Obstruction Marking and Lighting, a medium dual system - Chapters 4, 8 (M-Dual), & 12.

It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

At least 10 days prior to start of construction
 (7460-2, Part I)

Within 5 days after the construction reaches its greatest height
 (7460-2, Part II)

As a result of this structure being critical to flight safety, it is required that the FAA be kept apprised as to the status of the project. Failure to respond to periodic FAA inquiries could invalidate this determination.

This determination expires on 09/01/2007 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION

MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817)222-5538. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2006-ASO-689-OE.

Signature Control No: 451613-442256

(DNE)

rentiss Andrews
Specialist

Attachment(s)
Frequency Data

7460-2 Attached

Frequency Data for ASN 2006-ASO-689-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
869	894	MHZ	500	W
880	890	MHZ	300	W

Notice of Proposed Construction or Alteration (7460-1)

Project Name: EAST -000033427-06

Sponsor: East Kentucky Network, LLC

Details for Case : Canoe

Show Project Summary

Case Status

ASN: 2006-ASO-689-OE
Status: Determined
PART2 7460-2 (PART II) required within 5 days after the construction reaches its greatest height.
 Add Supplemental Notice (7460-2)

Date Submitted: 02/06/2006
Date Accepted: 02/06/2006
Date Determined: 03/01/2006
Letter:  DNE

Construction / Alteration Information

Notice Of: Construction
Duration: Permanent
if Temporary: Months: Days:
Work Schedule - Start: 04/03/2006
Work Schedule - End: 04/22/2006
State Filing: Filed with State

Structure Summary

Structure Name: Canoe
Structure Type: Antenna Tower
Other :
FCC Number:
Prior ASN:

Structure Details

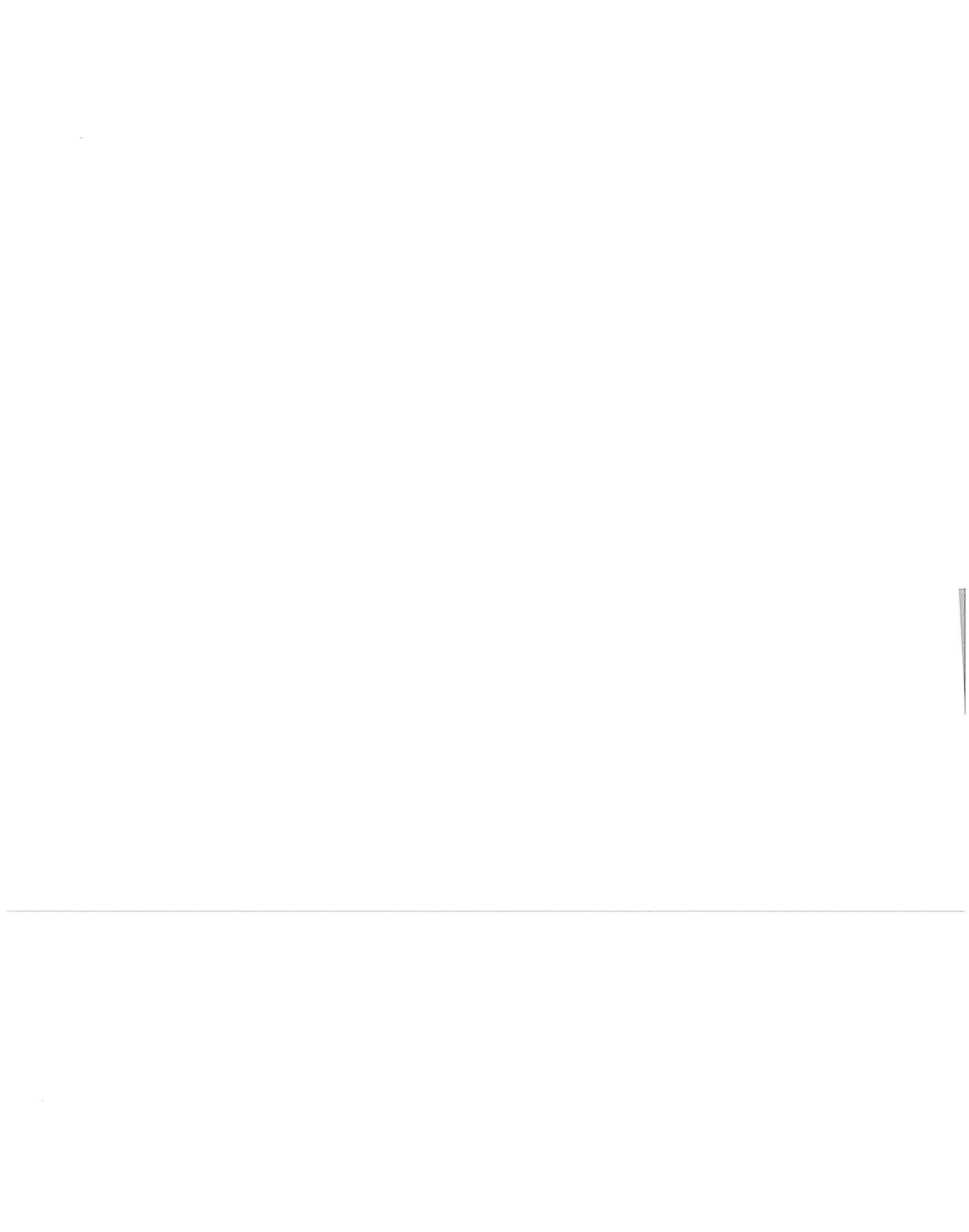
Latitude: 37° 28' 46" N
Longitude: 83° 29' 17" W
Horizontal Datum: NAD27
Horizontal Accuracy: None
Site Elevation (SE): 1200 (nearest foot)
Structure Height (AGL): 315 (nearest foot)
Marking/Lighting: Dual-red and medium intensity
Other :
Nearest City: Turkey
Nearest State: Kentucky
Traverseway: Public Highway
Description of Location: Site is 1.1 miles WSW of Pine Top (Knott), KY.
Description of Proposal: 300-ft communications tower with 15-ft top-mounted antenna for operation of a Band B cellular base station.

Common Frequency Bands

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
869	894	MHz	500	W

Specific Frequencies

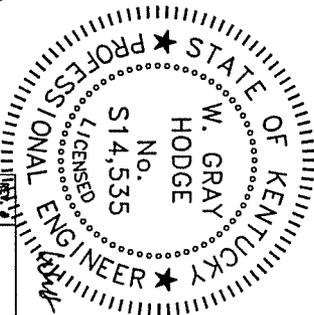
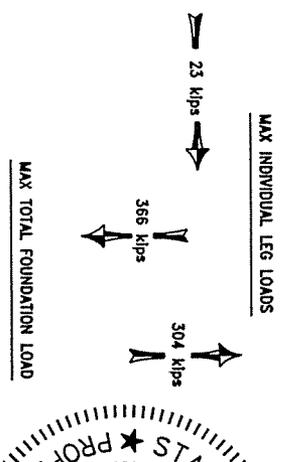
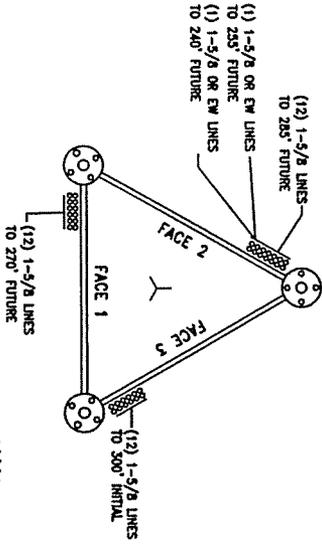
Low Freq	High Freq	Freq Unit	ERP	ERP Unit
880	890	MHz	300	W



MEMBER CHART

SECTION	ELEVATION	FACE SIZE	LEGS	GIRTS		SECTION WEIGHT (lbs.)
				DIAGONALS	HORIZONTALS	
A	0' - 20'	21.00' - 19.58'	4-1/4 L 3-1/2 x 3-1/2 x 1/4	N/A	NOTE: 3	5725
B	20' - 40'	19.58' - 18.17'	4-1/4 L 3-1/2 x 3-1/2 x 1/4	N/A	NOTE: 3	5575
C	40' - 60'	18.17' - 16.75'	4 L 3 x 3 x 3/16	N/A	NOTE: 3	4325
D	60' - 80'	16.75' - 15.33'	4 L 3 x 3 x 3/16	N/A	NOTE: 3	4150
E	80' - 100'	15.33' - 13.92'	4 L 3 x 3 x 3/16	N/A	NOTE: 3	4075
F	100' - 120'	13.92' - 12.50'	3-3/4 L 2-1/2 x 2-1/2 x 3/16	N/A	NOTE: 3	3500
G	120' - 140'	12.50' - 11.08'	3-3/4 L 2-1/2 x 2-1/2 x 3/16	N/A	NOTE: 3	3425
H	140' - 160'	11.08' - 9.67'	3-3/4 L 2 x 2 x 3/16	N/A	NOTE: 3	3225
I	160' - 180'	9.67' - 8.25'	3-1/2 L 2 x 2 x 3/16	N/A	NOTE: 3	2875
J	180' - 200'	8.25' - 6.83'	3-1/2 L 2 x 2 x 3/16	N/A	NOTE: 3	2825
K	200' - 220'	6.83' - 5.42'	3-1/4 L 2 x 2 x 3/16	N/A	NOTE: 3	2500
L	220' - 240'	5.42' - 4.00'	3-1/4 L 2 x 2 x 3/16	N/A	NOTE: 3	2450
M	240' - 260'	4.00'	2-1/2 7/8 S.R.	7/8 S.R.	NOTE: 3	1650
N	260' - 280'	4.00'	2 3/4 S.R.	7/8 S.R.	NOTE: 3	1100
O	280' - 300'	4.00'	1-3/4 5/8 S.R.	3/4 S.R.	NOTE: 3	850

Feedline Distribution Information
 1) The Tower Structure is Designed According to the Feedline Distribution Information Provided.



ANTENNA INFORMATION

ANTENNA	ELEVATION	LINE
(12) TYPICAL 4' CELL PANELS	300'	1-5/8
(12) TYPICAL 4' CELL PANELS	285'	1-5/8
(12) TYPICAL 4' CELL PANELS	270'	1-5/8
(1) 8' STD DISH	255'	1-5/8 OR EW
(1) 6' STD DISH	240'	1-5/8 OR EW

DESIGN & DRAWING NOTES:

- SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION.
- TOWER STRUCTURE IS DESIGNED IN ACCORDANCE WITH ANS/ISA-222-F STANDARDS FOR A BASIC WIND SPEED OF 70 MPH WITH 1/2" ICE.
- TOWER DESIGNED FOR STEP BOLTS AND CLIP-ON WAVEGUIDE LADDER.
- ALL LEG & LEG FLANGE PL MATERIAL IS ASTM A-572 GRADE 50 (fy = 50 ksi).
- ALL OTHER MATERIAL IS ASTM A36 (fy = 36 ksi).
- (6) 1-1/4" # ASTM A449 ANCHOR BOLTS REQUIRED PER LEG.

REVISIONS:

NO.	DESCRIPTION	DATE	APP.	DATE
1	ISSUED FOR CONSTRUCTION	2-28-06		

TOLERANCES:
 DIMENSIONS: ± 0.005"
 ANGLES: ± 0.005"
 HOLE DIA: ± 0.005"
 HOLE DIA: ± 0.005"
 HOLE DIA: ± 0.005"

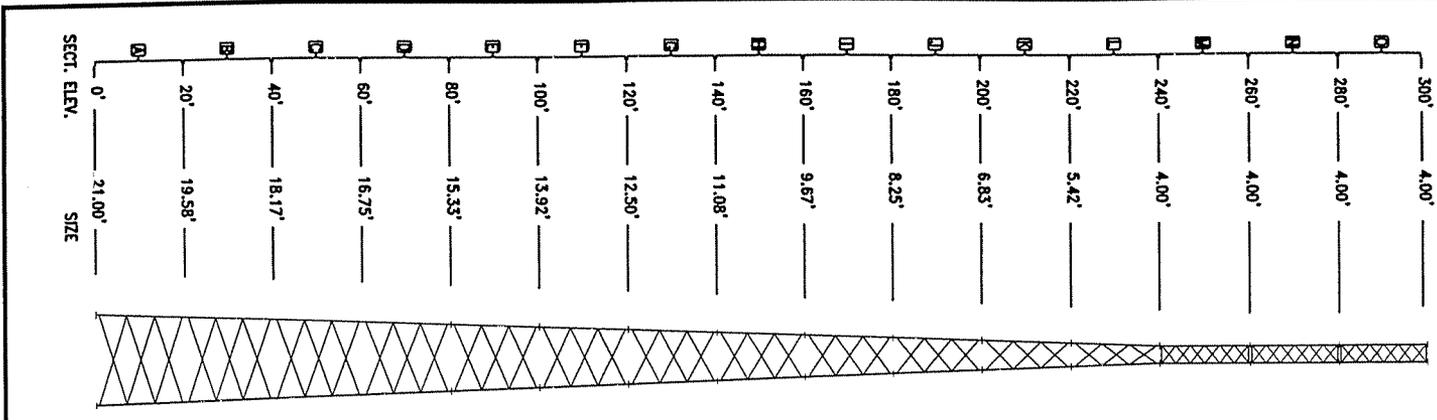
DATE: 2-28-06

TITLE: Elevation View & Member Information
 CANOE, KY.

PROJECT NO.: S2920T-18759

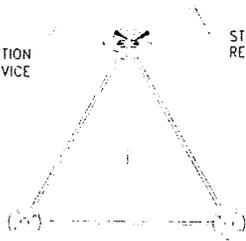
DO NOT SCALE DRAWING

Dielectric Tower Operations
 2655 Highway 281
 Newburgh, IN 47550
 PH: (812) 853-0565
 FAX: (812) 853-6652

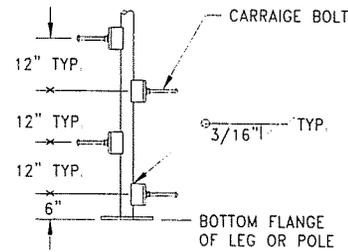
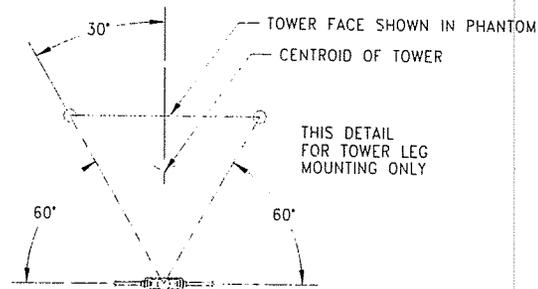
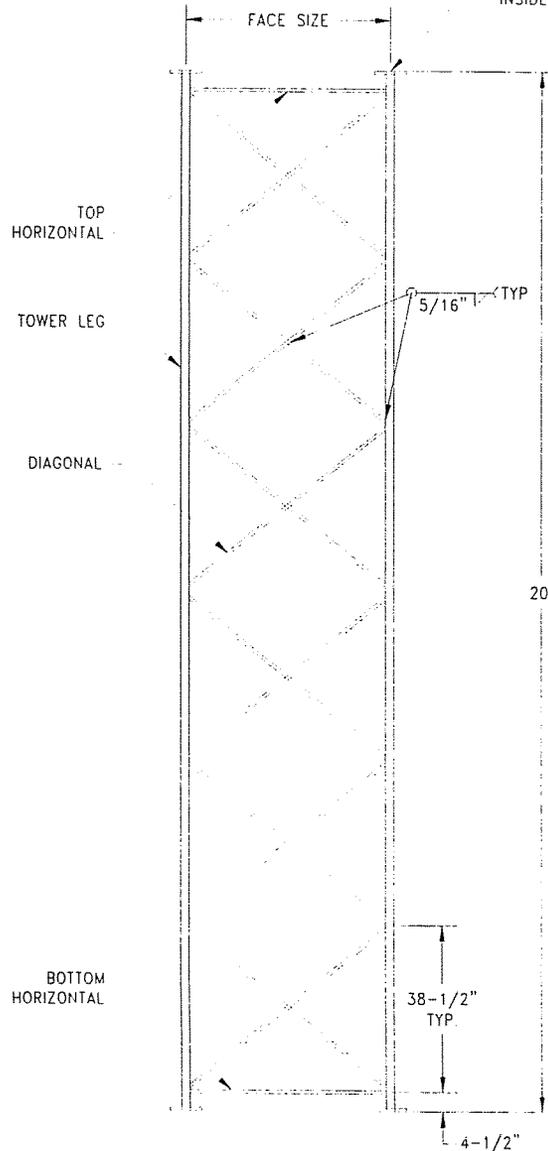


SAFETY CLIMB BRACKET (1)
REQ'D. AT TOP OF TOP SECTION
FOR SAFETY CLIMB DEVICE

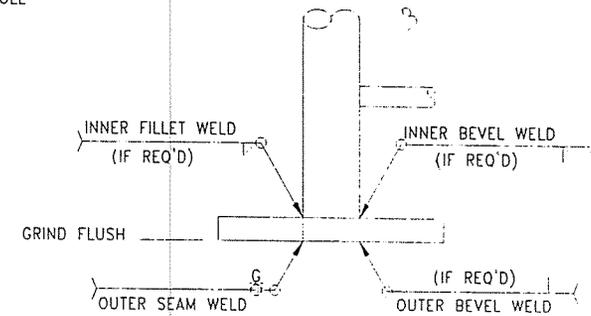
STEP BOLT BRACKETS
REQ'D. UP ONE LEG



-- TAB FOR LIGHTNING ROD
INSIDE WELDED BEACON MOUNT



FLANGE WELD DETAIL
(SEE FLANGE CHART FOR WELD SIZES)



SECTION NOTES:

- 1) SEE MEMBER CHART FOR APPROPRIATE SECTION LABEL, LEG & INNER MEMBER SIZE.
- 2) SEE FLANGE CHART FOR APPROPRIATE FLANGE SIZE.
- 3) SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				J.J.B.	11-15-99
				CHECKED	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION	COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION	TOLERANCES	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN:
		.X± 3/32" ANGLES± 2° .XX± 3/32" DRILLED HOLES± #1/32" .XXX± 1/16" BURNED HOLES± #1/16"	INCHES

Dielectric
A Division of SPX Corporation
TOWER OPERATIONS

PH# (812) 353-0595
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

TITLE
WELDED SECTION DETAILS

DWG NO.
STNDPG-(20)

REV
0

DO NOT SCALE DRAWING

PAD

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#9 GRADE 60	31'	128	3968'

PIER (verts) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#7 GRADE 60	6' - 8"	75	500'

PIER (ties) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#4 GRADE 60	42" ϕ	27	297'

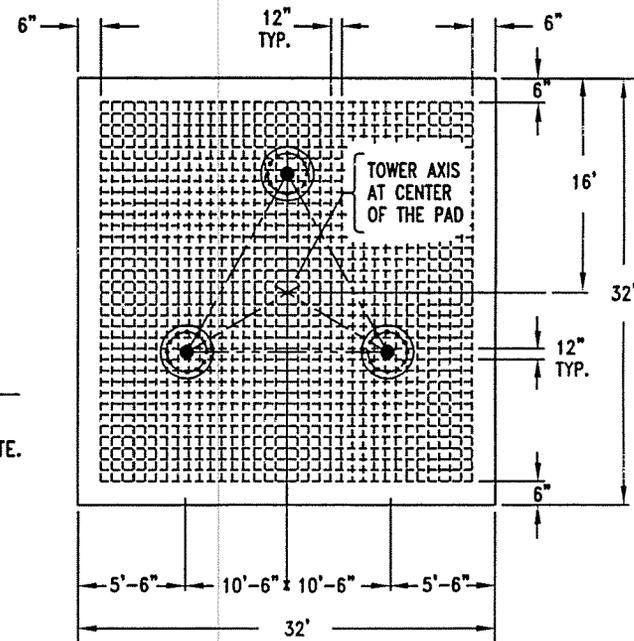
APPROXIMATE CONCRETE REQ'D = 72-1/2 yd³

REBAR SPLICING CHART

BAR SIZE	SPLICE LENGTH
3	15"
4	17"
5	21"
6	26"
7	30"
8	36"
9	46"
10	58"
11	71"

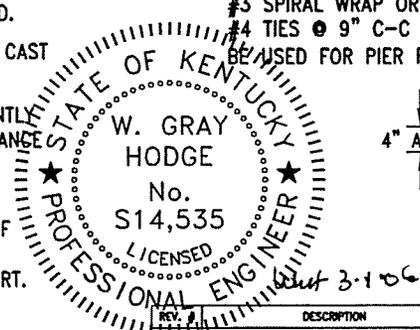
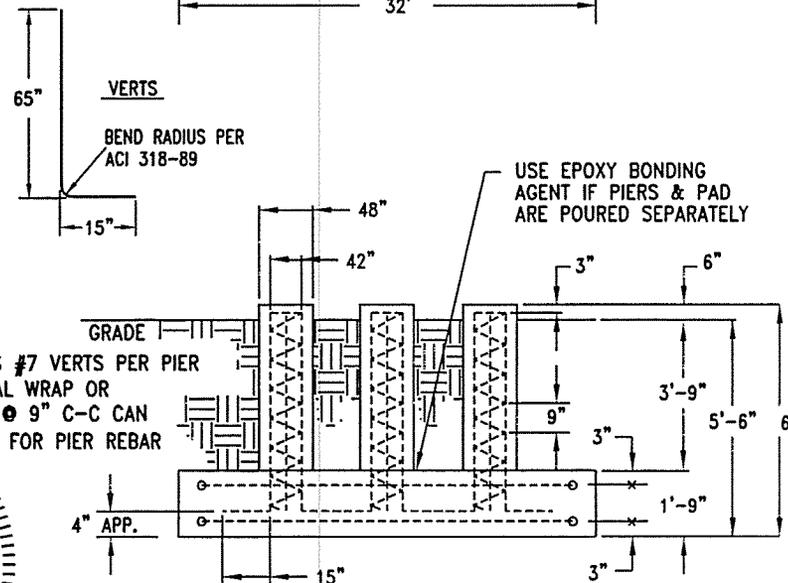
SPLICING NOTES:

- 1) STAGGER ALL SPLICES.
- 2) SPLICE CHART IS BASED ON 3000 PSI CONCRETE.
- 3) SPLICE REBAR ONLY WHEN NECESSARY.



NOTES:

- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND ACI318.
- 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-99 AND ANSI/EIA-222-F STANDARDS UTILIZING THE SOILS REPORT PREPARED BY WENDELL R. HOLMES, P.G. A COPY SHALL BE PROVIDED TO THE FOUNDATION CONTRACTOR. SOIL CONDITIONS THAT DIFFER FROM THOSE DESCRIBED IN THE REPORT SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER/INSPECTOR. ALL COMMENTS OR RECOMMENDATIONS REGARDING CONSTRUCTION TESTING OR CONSTRUCTION MONITORING SHALL BE STRICTLY FOLLOWED.
- 3) ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS. CYLINDERS SHALL BE PROPERLY CAST WITH COPIES OF THE TEST REPORTS GOING TO THE RESIDENT ENGINEER/INSPECTOR.
- 4) ALL ADMIXTURES MUST BE ADDED SEPARATELY INTO FRESH CONCRETE AND SUFFICIENTLY MIXED. A NON-CORROSIVE CONCRETE SET ACCELERATE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE C. A WATER REDUCING ADMIXTURE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE A.
- 5) ALL BACKFILL SHALL BE PLACED IN 9 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AS MEASURED BY ASTM D-698 UNLESS MORE STRINGENT COMPACTION IS REQUIRED BY THE SOIL REPORT.
- 6) MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- 7) CROWN TOP OF PIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- 8) INCOMPLETE SOIL REPORT, USING CANOE TOWER SITE SOIL REPORT, ROCK MAY BE ENCOUNTERED. 4000psf PILING ASSUMED.



REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE	TITLE
1				A.W.L.	2-28-06	BASE FOUNDATION DESIGN CANOE, KY.
				CHECK		
				APPROVAL		DWG NO.
						S2920T-F1 '59
						REV
						-

Dielectric
TOWER OPERATIONS
PH# (812) 853-0595
FAX# (812) 853-6852
2853 HIGHWAY 281
NEWBURGH, IN. 47630

THIRD ANGLE PROJECTION
COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SFC CORPORATION.
TOLERANCES
.X± 3/32" ANGLES± 2°
.XX± 3/32" DRILLED HOLES± #1/32"
.XXX± 1/16" BURNED HOLES± #1/16"
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

TEMPLATE DESIGN

Job No. : S2720T

Base Size (In Feet) : 21.000

Site Location : CANOE, KY.

Support Angle Information

Description (Angle)	Cut Length" (Ft.)	# Req'd
2.5 x 2.5 x 0.25	19	3.0000

Bearing Plate Information

Outer Dia.	# Holes	Bolt Drill	Bolt Circle	# Req'd
13	6	1.375	9.5	3

Anchor Bolt Information

Material Type	Bolt Diameter	LGTH. (in)	# Req'd	"A" (In.)	Embed. Depth "B" (In.)
ASTM A449	1.25	69	18	7.5	61.5

Securing Plate Information

# Holes	Bolt Drill	Bolt Circle	# Req'd
6	1.3125	9.5	3

- ** *ANGLES SUPPLIED ARE FOR APPROXIMATE BOLT LOCATION ONLY.*
- ** PLEASE CHECK THE DISTANCE FROM OUTER MOST BOLT HOLES
(BOLTS FARTHEST FROM THE TOWER CENTER).

Template Assembly

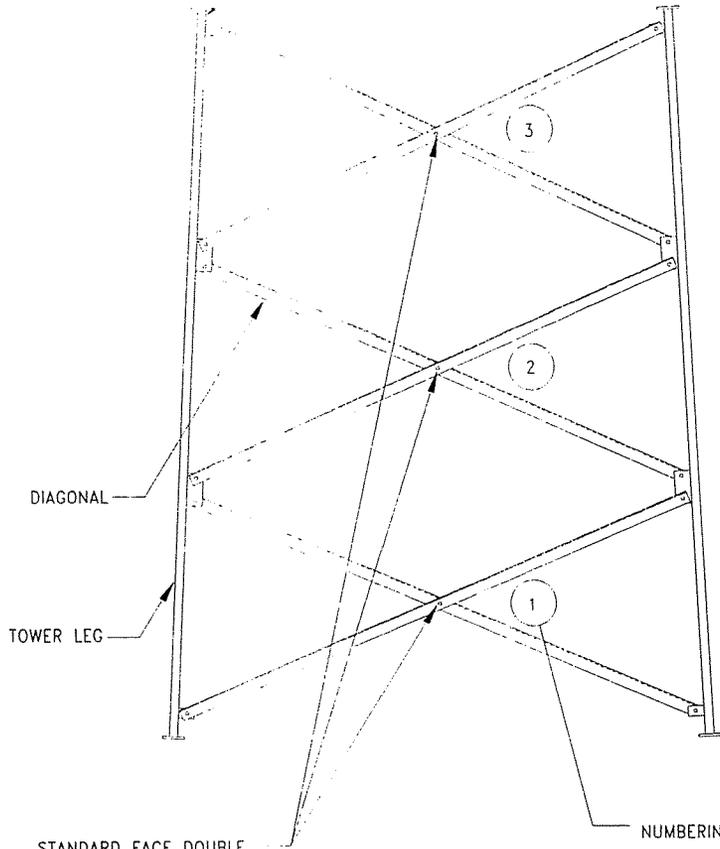
Face Size	"A" (ft)	"B" (ft)	"C" (ft)
21	6.062	12.124	18.187

Outer Bolt Distance Should Be = 21 feet - 8.23 inches

3-BAY SECTION ASSEMBLY

STANDARD TAPERED FACE

SEE NOTE 7



STANDARD FACE DOUBLE ANGLE CONNECTIONS

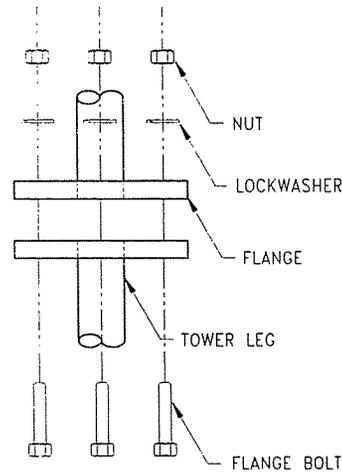
NUMBERING SYSTEM IS PROVIDED FOR INNER MEMBERS TO ENSURE PROPER INSTALLATION : (JOB NO. - C - 1)

JOB NO.

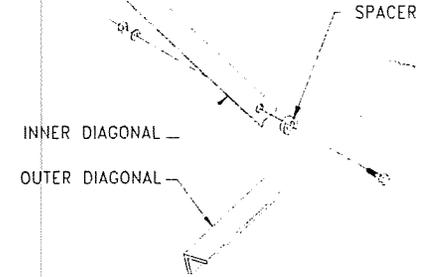
SECTION

LOCATION

FLANGE CONNECTION DETAIL



SPACER ASSEMBLY



NOTES:

- 1) ALL LADDER FACES OR CLIMBING LEGS ON ALL SECTIONS MUST BE ALIGNED TOGETHER.
- 2) SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION.
- 3) SEE SHIPMENT LIST FOR BOLT SIZES & LOCATIONS.
- 4) ALL INNER MEMBER CONNECTIONS ARE SINGLE ANGLE CONNECTIONS UNLESS NOTED OTHERWISE.
- 5) DIAGONAL INSTALL INSTRUCTIONS. INSIDE DIAGONALS TO BE INSTALLED FIRST. OUTSIDE DIAGONALS TO BE INSTALLED SECOND. BOLTS ARE TO BE INSTALLED FROM THE INSIDE OF THE TOWER SO THAT THE THREADS ARE PROTRUDING TOWARDS THE OUTSIDE OF THE TOWER FACE.
- 6) IN CASE OF CLEARANCE PROBLEMS THE DIRECTION OF BOLT CAN BE CHANGED FROM (INSIDE TO OUT) TO (OUTSIDE TO IN).
- 7) SECTION LABELING SYSTEM IS TO BE USED FOR PROPER IDENTIFICATION OF ALL SECTIONS AND TO ENSURE PROPER INSTALLATION. LEG MEMBERS WILL BE STAMPED WITH APPROPRIATE SECTION LETTER AT TOP OF LEG.

<p>PH# (812) 853-0595 FAX# (812) 853-6652 2855 HIGHWAY 261 NEWBURCH, IN. 47630</p>		<p>TITLE</p> <p>3-BAY-T-X INSTALLATION DRAWING</p>	
		<p>DWG NO.</p> <p>3-BAY-... D</p>	<p>REV</p> <p>--</p>
<p>DO NOT SCALE DRAWING</p>			

REV. #	DESCRIPTION	DATE	APP.	DATE
			DRWN R.E.H.	5-27-97
			CHECK	DATE
			APPROVAL	DATE

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------------------------	---	--	---

LEGS

Job No : **S2720T**

Site Location : **CANOE, KY.**

Leg Dimension Information

Section	Stock Leg Numbers	Leg Type	(O.D.)		# Of Bays	Pipe Leg			Bottom Flange			Top Flange			# GRND	Safety Climb Tab Req'd	Leg Plate Angle		
			Leg Size	Leg I		"A" (in.)	"B" (in.)	"C" (in.)	Cut	O. D. (in.)	Angle	Tilt (in.)	O. D. (in.)	Angle				Tilt (in.)	
A	A 425 38 75 NH	SR	4.25	N/A	3	240	8.00	74.667	N/A	13	2.34	0.5313	13	0.00	0.0000	3	Y	N	60
B	S 425 38 75 NH	SR	4.25	N/A	3	240	8.00	74.667	N/A	13	0.00	0.0000	13	0.00	0.0000	3	N	N	60
C	U 400 38 75 NH	SR	4	N/A	3	240	8.00	74.667	N/A	13	0.00	0.0000	10	0.00	0.0000	3	N	N	60
D	S 400 38 75 NH	SR	4	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
E	S 400 38 75 NH	SR	4	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
F	S 375 38 75 NH	SR	3.75	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
G	S 375 38 75 NH	SR	3.75	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
H	S 375 38 75 NH	SR	3.75	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
I	U 350 38 75 NH	SR	3.5	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
J	S 350 38 75 NH	SR	3.5	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
K	S 325 38 75 NH	SR	3.25	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	0.00	0.0000	3	N	N	60
L	A 325 38 75 NH	SR	3.25	N/A	3	240	8.00	74.667	N/A	10	0.00	0.0000	10	2.34	0.4063	3	N	N	60

Note 1: For Grounding Tab. - Enter Yes Or No (Y N)

LEG PLATES

Job No : **S2720T**

Site Location : **CANOE, KY.**

Leg Plate Dimension Information

Section	"A"	"B"	"C"	Top & Bottom PL	Middle PL	Drill Size	Minimum Weld
				Leg PL "S" # Req'd	Leg PL "D" # Req'd		
A	3.25	1.75	0.38	12	12	0.8125	0.25
B	3.25	1.75	0.38	12	12	0.8125	0.25
C	3.25	1.75	0.38	12	12	0.8125	0.25
D	3.25	1.75	0.38	12	12	0.8125	0.25
E	3.25	1.75	0.38	12	12	0.8125	0.25
F	3.25	1.75	0.38	12	12	0.8125	0.25
G	3.25	1.75	0.38	12	12	0.8125	0.25
H	3.25	1.75	0.38	12	12	0.8125	0.25
I	3.25	1.75	0.38	12	12	0.8125	0.25
J	3.25	1.75	0.38	12	12	0.8125	0.25
K	3.25	1.75	0.38	12	12	0.8125	0.25
L	3.25	1.75	0.38	12	12	0.8125	0.25

SPACERS

Job No : **S2720T**

Site Location : **CANOE, KY.**

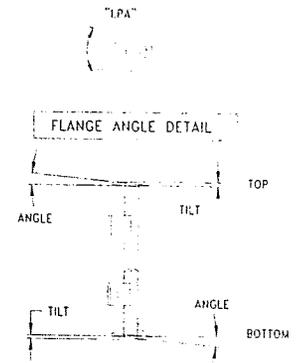
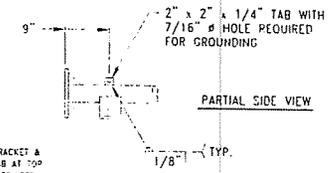
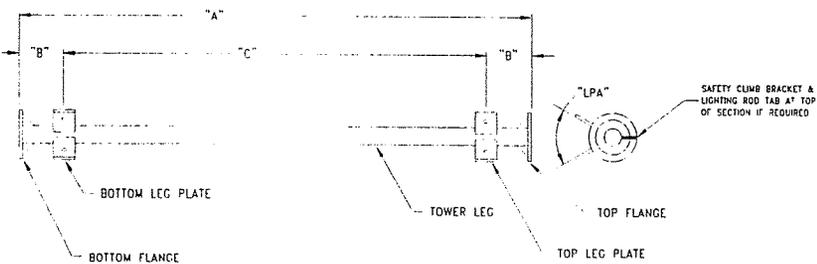
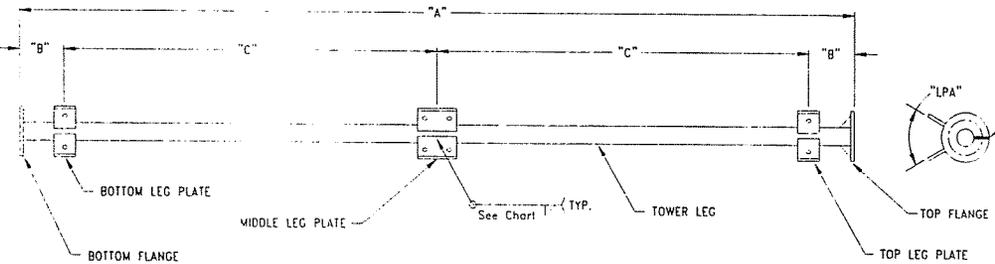
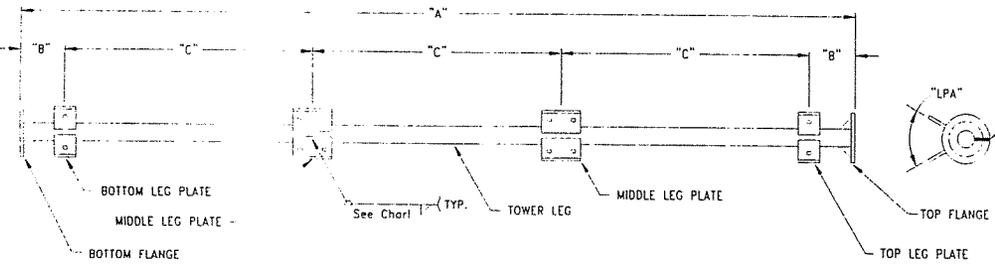
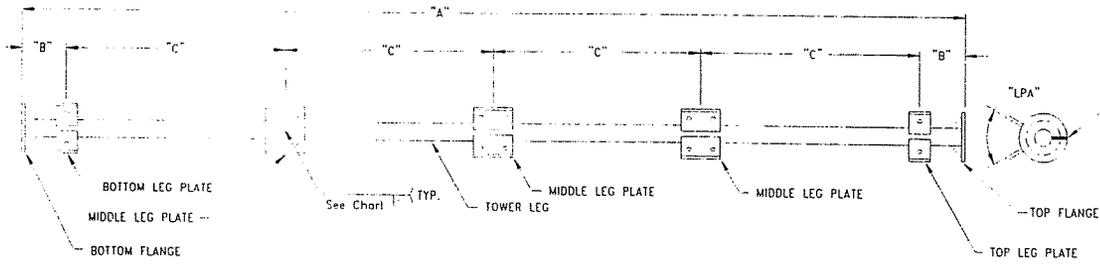
Spacer Information

Section	Spacer Size	Length (IN.)	# Req'd
A	1" Sch. 40	0.375	9
B	1" Sch. 40	0.375	9
C	1" Sch. 40	0.375	9
D	1" Sch. 40	0.375	9
E	1" Sch. 40	0.375	9
F	1" Sch. 40	0.375	9
G	1" Sch. 40	0.375	9
H	1" Sch. 40	0.375	9
I	1" Sch. 40	0.375	9
J	1" Sch. 40	0.375	9
K	1" Sch. 40	0.375	9
L	1" Sch. 40	0.375	9

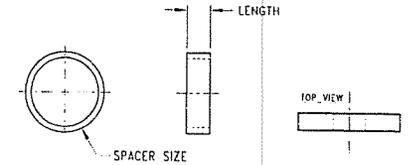
Note 1: Use 1" sch 40 Pipe For 1" o Bolts & Under

Note 2: Use 1-1/2" sch 40 Pipe For 1-1/8" o Bolts & Over

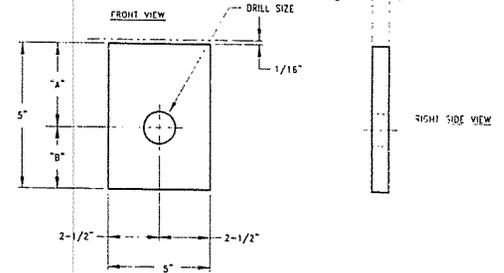
LEG DETAIL



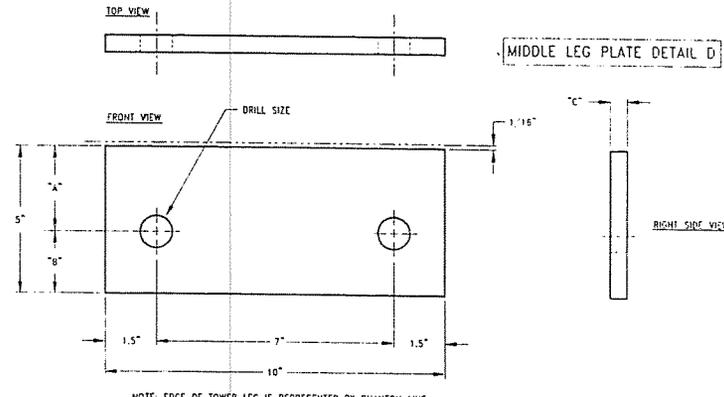
SPACER DETAIL



TOP/BOTTOM LEG PLATE DETAIL S



MIDDLE LEG PLATE DETAIL D



REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				J.J.B.	6-14-01
				CHECK	DATE
				APPROVAL	DATE

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		.X ±	3/32" ANGLES ± 2°	
		.XX ±	3/32" DRILLED HOLES ± 1/32"	
		.XXX ±	1/16" BURNED HOLES ± 1/16"	

Dielectric
 A Division of SP2 Corporation
 TOWER OPERATIONS
 PH# (812) 853-0595
 FAX# (812) 853-6652
 2955 HIGHWAY 261
 NEWBURGH, IN. 47630

TITLE
LEG WELD ASSEMBLY & SPACER DETAILS

DWG NO.
XB 1-4 BAY SR

PEV
 -

FLANGE DETAIL CHART

 JOB NO. S2720T

 TOWER HT. 300

 BASE (FT.) 21.000

 LOCATION CANOE, KY.

FLANGE DETAILS														BOLT DETAILS			
SECTION	LOCATION	ELEV.	THICKNESS	I. D.	O. D.	B. C.	BOLT DRILL	# HOLES	# REQ'D	IN. FILLET	IN. BEVEL	OUT. FILLET	OUT. BEVEL	ELEV	# BOLTS	SIZE	LENGTH
										WELD	WELD/SIZE	WELD	WELD/SIZE				
A	BOTTOM	0	1.500	4.375	13.00	9.50	1.375	6	3	0.5000	0.3750	N/A	0.3750	0	18	1.250	69.00
A	TOP	20	1.500	4.375	13.00	9.50	1.375	6	3	0.3750	0.3750	N/A	0.3750	20	18	1.250	5.00
B	BOTTOM	20	1.500	4.375	13.00	9.50	1.375	6	3	0.3750	0.3750	N/A	0.3750	40	18	1.250	5.00
B	TOP	40	1.500	4.375	13.00	9.50	1.375	6	3	0.3750	0.3750	N/A	0.3750				
C	BOTTOM	40	1.500	4.125	13.00	9.50	1.375	6	3	0.3750	0.3750	N/A	0.3750	60	18	1.125	4.25
C	TOP	60	1.250	4.125	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750				
D	BOTTOM	60	1.250	4.125	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750	80	18	1.125	4.25
D	TOP	80	1.250	4.125	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750				
E	BOTTOM	80	1.250	4.125	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750	100	18	1.125	4.25
E	TOP	100	1.250	4.125	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750				
F	BOTTOM	100	1.250	3.875	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750	120	18	1.125	4.25
F	TOP	120	1.250	3.875	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750				
G	BOTTOM	120	1.250	3.875	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750	140	18	1.125	4.25
G	TOP	140	1.250	3.875	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750				
H	BOTTOM	140	1.250	3.875	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750	160	18	1.125	4.25
H	TOP	160	1.250	3.875	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750				
I	BOTTOM	160	1.250	3.625	10.00	7.50	1.250	6	3	0.3750	0.3750	N/A	0.3750	180	18	1.000	4.00
I	TOP	180	1.250	3.625	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750				
J	BOTTOM	180	1.250	3.625	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750	200	18	1.000	4.00
J	TOP	200	1.250	3.625	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750				
K	BOTTOM	200	1.250	3.375	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750	220	18	1.000	4.00
K	TOP	220	1.250	3.375	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750				
L	BOTTOM	220	1.250	3.375	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750	240	18	1.000	4.00
L	TOP	240	1.250	3.375	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750				
M	BOTTOM	240	1.250	2.625	10.00	7.50	1.125	6	3	0.3750	0.3750	N/A	0.3750	260	12	1.000	3.50
M	TOP	260	1.000	2.625	7.50	5.50	1.125	4	3	0.3750	N/A	N/A	0.3750				
N	BOTTOM	260	1.000	2.125	7.50	5.50	1.125	4	3	0.3750	N/A	N/A	0.3750	280	12	0.875	3.00
N	TOP	280	0.750	2.125	7.50	5.50	1.000	4	3	0.3750	N/A	N/A	0.3750				
O	BOTTOM	280	0.750	1.875	7.50	5.50	1.000	4	3	0.3750	N/A	N/A	0.3750	300	N/A	N/A	N/A
O	TOP	300	0.750	1.875	7.50	5.50	1.000	4	3	0.3750	N/A	N/A	0.3750				

GUSSET DETAIL CHART

 JOB NO. S2720T

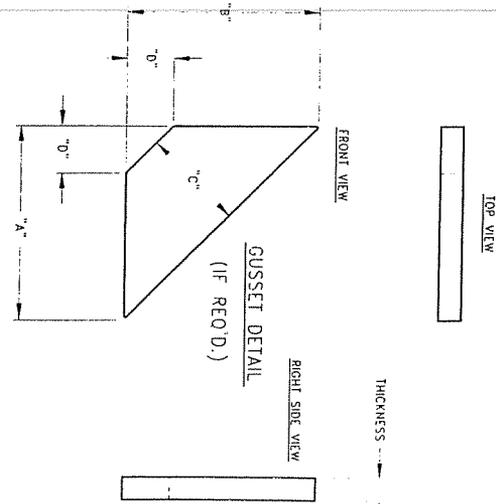
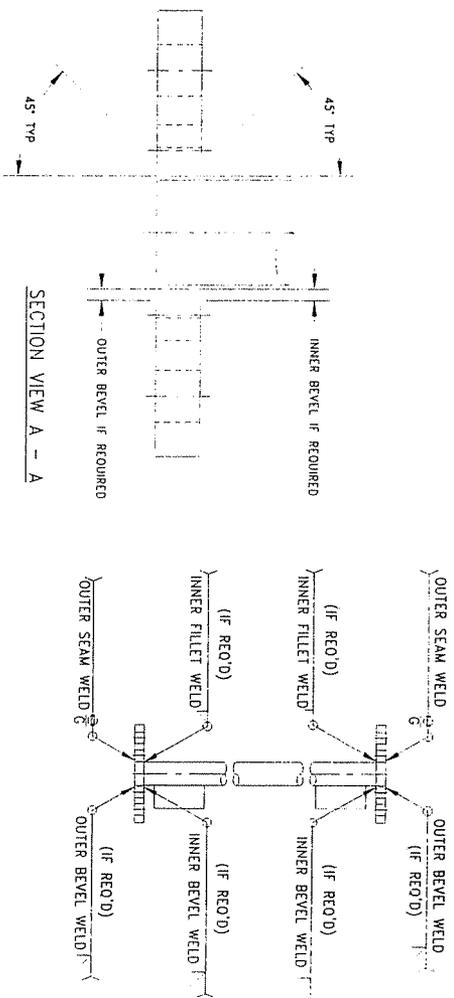
 TOWER HT. 300

 FACE WIDTH (FT.) 21.000

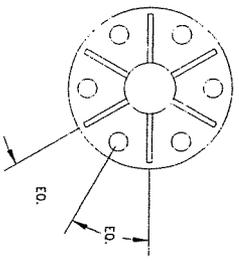
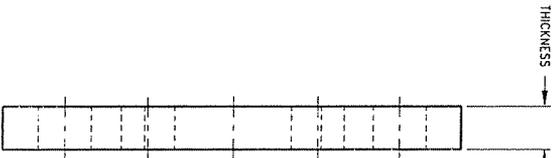
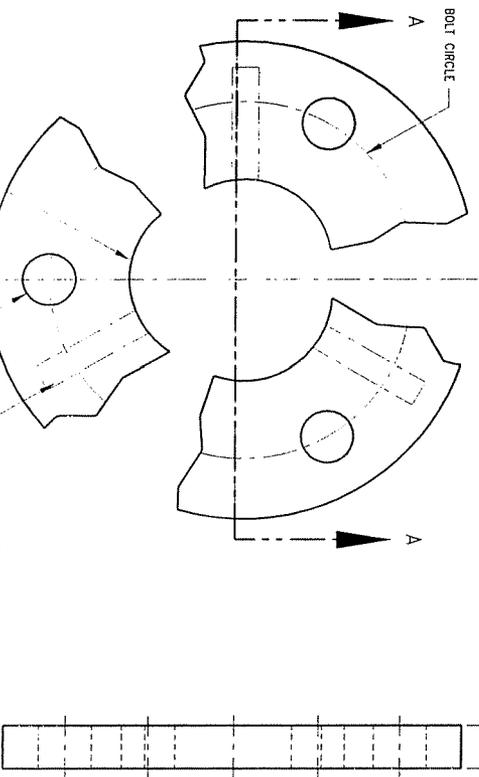
 LOCATION CANOE, KY.

SECTION	LOCATION	EL.	THICKNESS	"A"	"B"	"C"	"D"	TOTAL REQ'D	H/E/N	WELD	GUS / FLG (CLR)	GUS / BOLT (CLR)	ANGLE (BLT - GUS)
A	BOTTOM	0	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
A	TOP	20	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
B	BOTTOM	20	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
B	TOP	40	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
C	BOTTOM	40	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
C	TOP	60	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
D	BOTTOM	60	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
D	TOP	80	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
E	BOTTOM	80	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
E	TOP	100	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
F	BOTTOM	100	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
F	TOP	120	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
G	BOTTOM	120	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
G	TOP	140	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
H	BOTTOM	140	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
H	TOP	160	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
I	BOTTOM	160	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
I	TOP	180	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
J	BOTTOM	180	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
J	TOP	200	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
K	BOTTOM	200	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
K	TOP	220	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
L	BOTTOM	220	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
L	TOP	240	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
M	BOTTOM	240	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
M	TOP	260	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
N	BOTTOM	260	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
N	TOP	280	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
O	BOTTOM	280	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A
O	TOP	300	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N/A	N/A	N/A

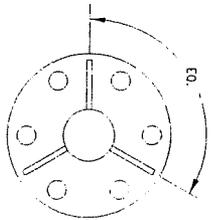
FLANGE WELD DETAIL
(SEE FLANGE CHART FOR WELD SIZES)



FLANGE DETAIL



EXAMPLE 1
IF FULL GUSSETS REQ'D.



EXAMPLE 2
IF HALF GUSSETS REQ'D.

NOTES:

- 1) GUSSETS EQUALLY SPACED BETWEEN HOLES.
- 2) INNER BEVEL & INNER WELD IS ALWAYS IN REFERENCE TO THE SIDE OF THE FLANGE WITH GUSSETS OF I.E. TOWARD THE LEG PLATES.

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
			J.J.B.		7-29-02
			CHECK		DATE
			APPROVAL		DATE

Dielectric
A Division of SPC Corporation
TOWER OPERATIONS

PH# (812) 853-0595
FAX# (812) 853-6652
2855 HIGHWAY 261
HEWENBURGH, IN. 47830

DWG NO. **F1-0-1**

TITLE **FLANGE & GUSSET SIZING DETAILS**

REV

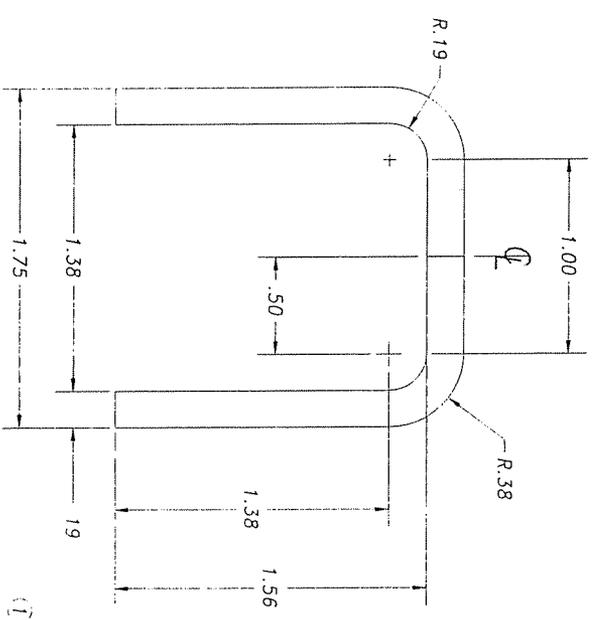
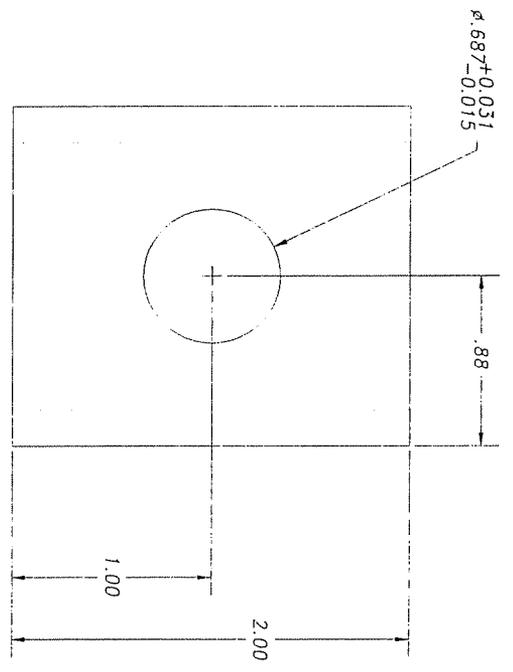
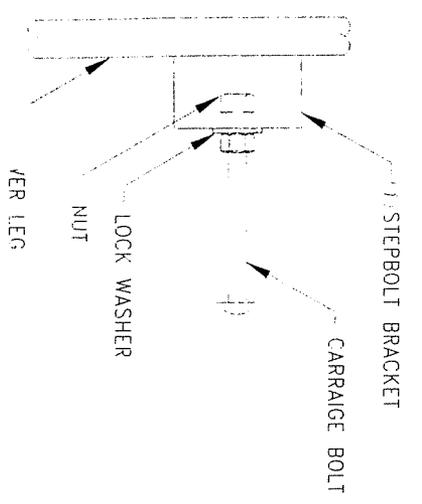
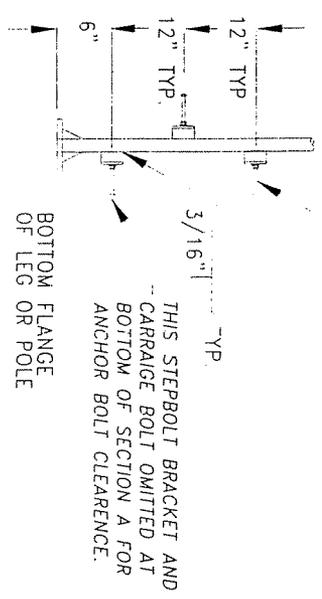
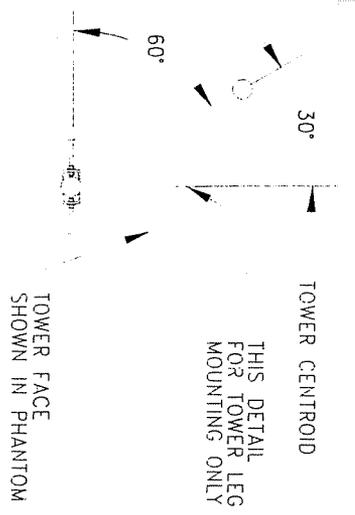
DIAGONALS

Job No : S2720T

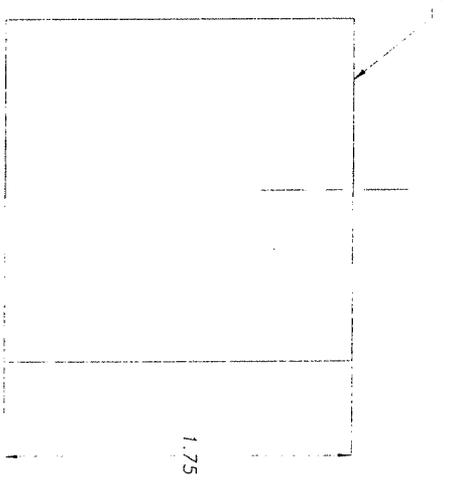
Site Location : CANOE, KY.

Diagonal Dimension Information

LABEL		#	Description					"A"	"B"	"C"	"D"	Cut Length	#	Drill Size
Section	Location	Bays										Req'd		
A	1	3	3.5	x	3.5	x	0.25	1.88	248.44	122.91	2.63	251.94	6	0.8125
A	2	3	3.5	x	3.5	x	0.25	1.88	242.26	119.88	2.50	245.76	6	0.8125
A	3	3	3.5	x	3.5	x	0.25	1.88	238.09	117.72	2.64	241.59	6	0.8125
B	1	3	3.5	x	3.5	x	0.25	1.88	232.20	114.78	2.65	235.70	6	0.8125
B	2	3	3.5	x	3.5	x	0.25	1.88	225.99	111.74	2.51	229.49	6	0.8125
B	3	3	3.5	x	3.5	x	0.25	1.88	221.92	109.63	2.66	225.42	6	0.8125
C	1	3	3	x	3	x	0.1875	1.59	216.32	106.83	2.67	219.82	6	0.8125
C	2	3	3	x	3	x	0.1875	1.59	210.06	103.77	2.53	213.56	6	0.8125
C	3	3	3	x	3	x	0.1875	1.59	206.13	101.72	2.69	209.63	6	0.8125
D	1	3	3	x	3	x	0.1875	1.59	200.34	98.82	2.70	203.84	6	0.8125
D	2	3	3	x	3	x	0.1875	1.59	194.05	95.74	2.56	197.55	6	0.8125
D	3	3	3	x	3	x	0.1875	1.59	190.26	93.77	2.72	193.76	6	0.8125
E	1	3	3	x	3	x	0.1875	1.59	184.55	90.91	2.73	188.05	6	0.8125
E	2	3	3	x	3	x	0.1875	1.59	178.21	87.81	2.59	181.71	6	0.8125
E	3	3	3	x	3	x	0.1875	1.59	174.61	85.93	2.76	178.11	6	0.8125
F	1	3	2.5	x	2.5	x	0.1875	1.44	169.22	83.22	2.78	172.72	6	0.8125
F	2	3	2.5	x	2.5	x	0.1875	1.44	162.84	80.10	2.63	166.34	6	0.8125
F	3	3	2.5	x	2.5	x	0.1875	1.44	159.46	78.32	2.82	162.96	6	0.8125
G	1	3	2.5	x	2.5	x	0.1875	1.44	153.96	75.56	2.84	157.46	6	0.8125
G	2	3	2.5	x	2.5	x	0.1875	1.44	147.54	72.42	2.70	151.04	6	0.8125
G	3	3	2.5	x	2.5	x	0.1875	1.44	144.44	70.77	2.90	147.94	6	0.8125
H	1	3	2	x	2	x	0.1875	1.09	139.10	68.08	2.93	142.60	6	0.8125
H	2	3	2	x	2	x	0.1875	1.09	132.66	64.94	2.79	136.16	6	0.8125
H	3	3	2	x	2	x	0.1875	1.09	129.92	63.45	3.01	133.42	6	0.8125
I	1	3	2	x	2	x	0.1875	1.09	125.00	60.97	3.06	128.50	6	0.8125
I	2	3	2	x	2	x	0.1875	1.09	118.56	57.82	2.92	122.06	6	0.8125
I	3	3	2	x	2	x	0.1875	1.09	116.26	56.54	3.19	119.76	6	0.8125
J	1	3	2	x	2	x	0.1875	1.09	111.44	54.08	3.27	114.94	6	0.8125
J	2	3	2	x	2	x	0.1875	1.09	105.04	50.96	3.13	108.54	6	0.8125
J	3	3	2	x	2	x	0.1875	1.09	103.34	49.93	3.47	106.84	6	0.8125
K	1	3	2	x	2	x	0.1875	1.09	99.12	47.75	3.62	102.62	6	0.8125
K	2	3	2	x	2	x	0.1875	1.09	92.85	44.68	3.50	96.35	6	0.8125
K	3	3	2	x	2	x	0.1875	1.09	91.91	43.97	3.98	95.41	6	0.8125
L	1	3	2	x	2	x	0.1875	1.09	88.13	41.93	4.27	91.63	6	0.8125
L	2	3	2	x	2	x	0.1875	1.09	82.14	38.96	4.22	85.64	6	0.8125
L	3	3	2	x	2	x	0.1875	1.09	82.20	38.59	5.03	85.70	6	0.8125



(1) STEPBOLT BRACKET



REV #	DESCRIPTION	DATE	APP	DESIGNED	CHECKED	APPROVAL	DATE
				A.J.H.			10-15-03

Dielectric
 TOWER OPERATIONS
 PHONE (812) 851-0555
 FAX (812) 531-6552
 2555 HIGHWAY 261
 NEWBURGH, IN 47630

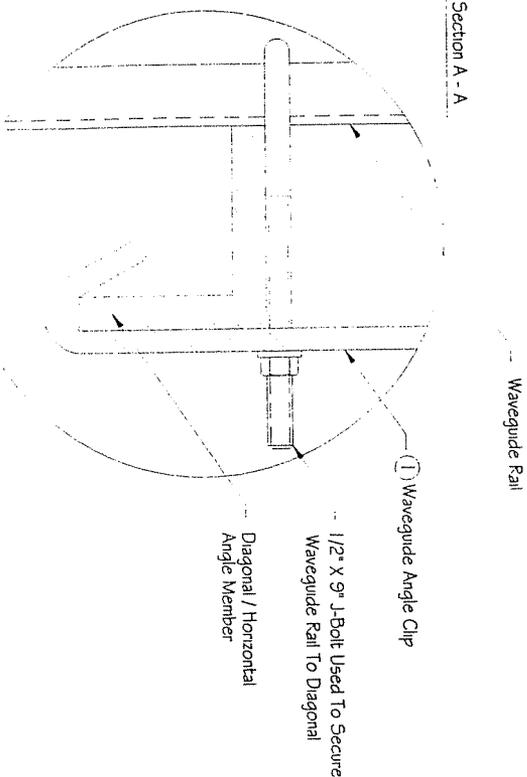
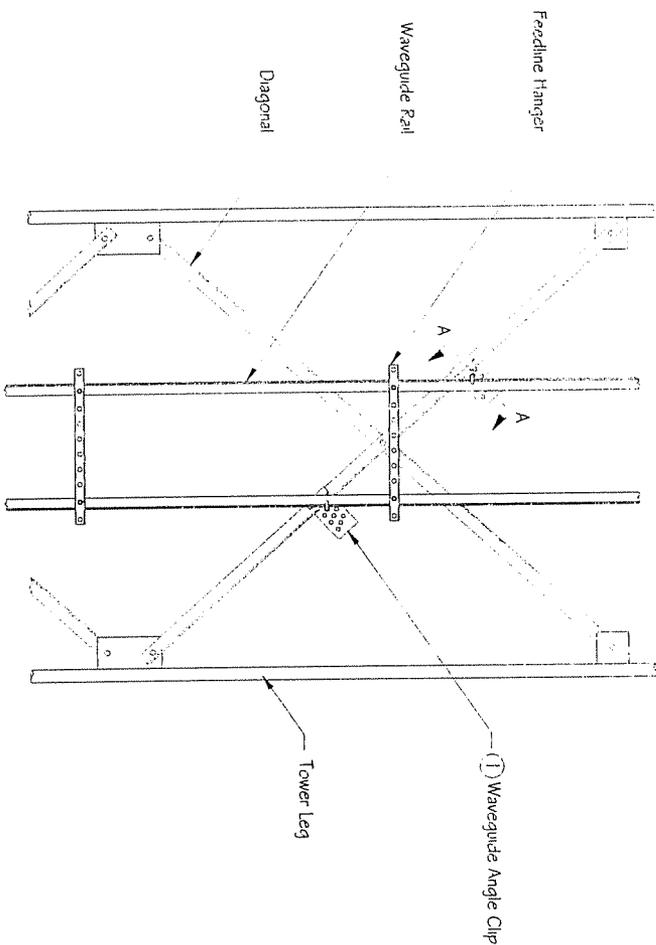
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 ALL DIMENSIONS IN INCHES
 UNLESS OTHERWISE NOTED
 TOLERANCES:
 X.X .5/32 DRILLED HOLE #1/32
 XXXX 1/16 REBRED HOLE #1/16

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 THE COMPANY

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 TOLERANCES:
 X.X .5/32 DRILLED HOLE #1/32
 XXXX 1/16 REBRED HOLE #1/16

DWG NO. LA97M
 TITLE CARRIAGE BOLT ASSEMBLY (TOWER LEG)
 REV B

Typical Installation



STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1 *	CA20-50	Waveguide Angle Clip	2

HARDWARE

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	VB150-900	1/2" x 9" H.D.G. V-Bolts	2
2	NU50G	1/2" H.D.G. Nuts	2
3	WLS0G	1/2" H.D.G. Lockwashers	2

WEIGHT & ENGINEERING INFORMATION

KIT NO.	WEIGHT (lbs.)	DESCRIPTION	CAAC (Sq. Ft.)
KCA20-50	7.22	Waveguide Angle Clip Kit	N/A

NOTES:

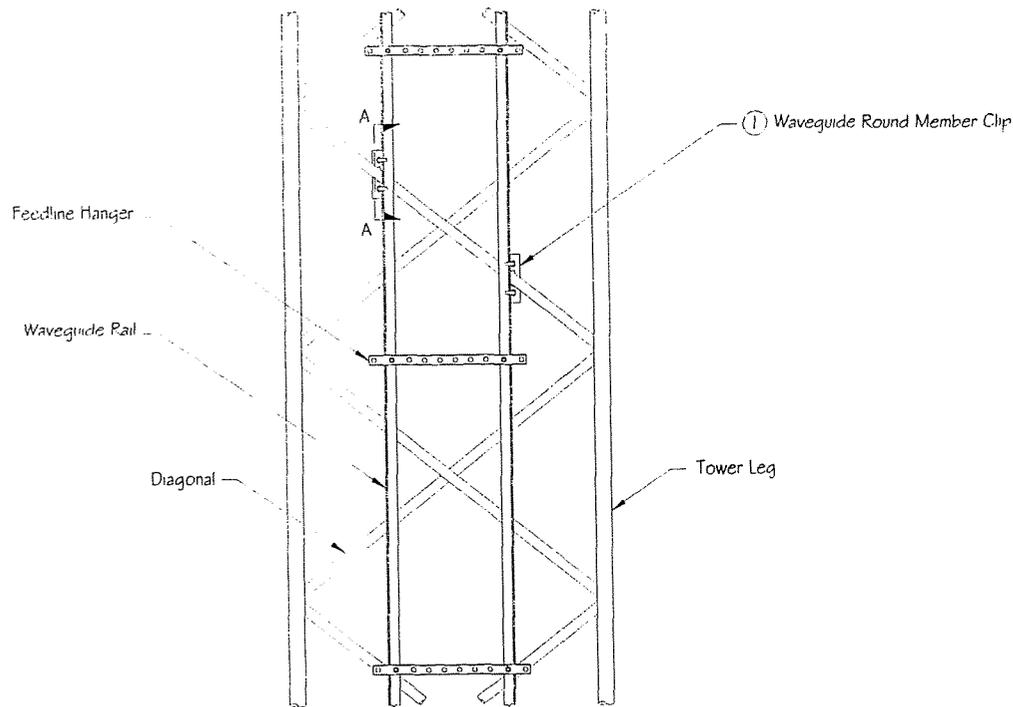
- 1.) This Kit Will Mount on 1-1/2" To 5" Angle.
- 2.) This Kit Can Be Used To Secure Waveguide Ladder To Diagonal Or Horizontal Members.
- 3.) Steel Parts Indicated Above With An * * Will Be Packed With The Hardware.

REV #	DESCRIPTION	DATE	BY	CHKD	APP. DATE

Dielectric
 TOWER OPERATIONS
 P.O. # (812) 851-0588
 FAX# (812) 851-6555
 2855 HIGHWAY 261
 NEWBURGH, IN 47630

DWG NO. **KCA20-1**
 TITLE **WAVEGUIDE ANGLE CLIP KIT**
 DATE DRAWING

Typical Installation



STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1*	CS-62-45	Waveguide Round Member Clip	2

HARDWARE

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	VBT50-900	1/2" x 9" H.D.G. V-Bolts	4
2	NU50G	1/2" H.D.G. Nuts	4
3	WL50G	1/2" H.D.G. Lockwashers	4
3	WF50G	1/2" H.D.G. Flatwashers	4

** Flatwashers Are To Be Used At All Slotted Hole Locations !! **

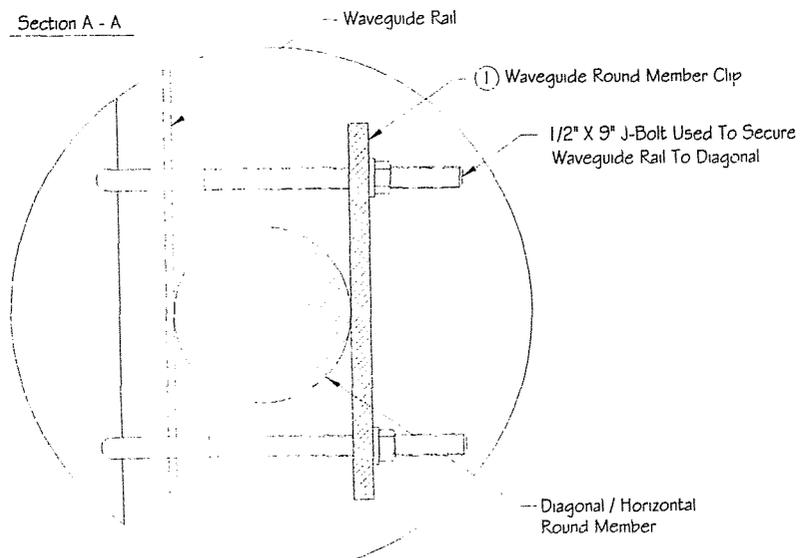
WEIGHT & ENGINEERING INFORMATION

KIT NO.	WEIGHT (lbs.)	DESCRIPTION	CaAc / Sq. Ft.
KCR62-45	4.20	Waveguide Round Member Clip Kit	N/A

NOTES:

- 1.) This Kit Will Mount on 5/8" To 4-1/2" Round Member.
- 2.) This Kit Can Be Used To Secure Waveguide Ladder To Diagonal Or Horizontal Members.
- 3.) Steel Parts Indicated Above With An "*" Will Be Packed With The Hardware.

Section A - A

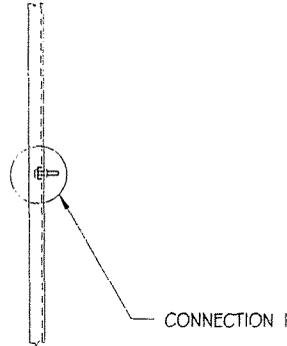
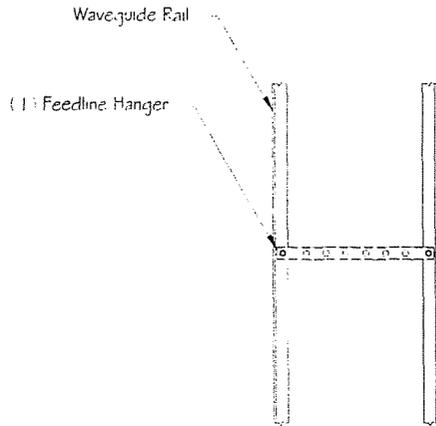


REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				J.J.B.	4-16-01
				CHECK	DATE
				APPROVAL	DATE

<p>THIRD ANGLE PROJECTION</p>	<p>COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION</p>	<p>TOLERANCES</p> <p>.X ± 3/32" ANGLES ± 2°</p> <p>.XX ± 1/32" DRILLED HOLES #1/32"</p> <p>.XXX ± 1/16" BURNED HOLES #1/16"</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN:</p> <p>INCHES</p>	<p>DWG. NO.</p> <p>KCR62-45</p>	<p>PH# (812) 853-055</p> <p>FAX# (812) 853-665</p> <p>2855 HIGHWAY 261</p> <p>NEWBURGH, IN. 47633</p>
-------------------------------	--	---	--	---------------------------------	---

TITLE: WAVEGUIDE ROUND MEMBER CLIP K
SCALE: DRAWING

Typical Installation



STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	LA174	6 Snap-In Hanger	1

HARDWARE

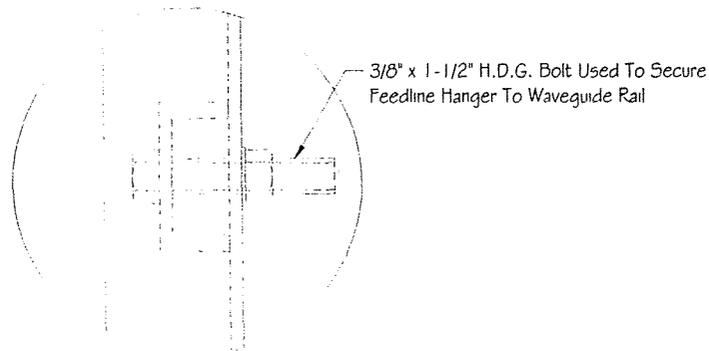
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	BT37X150	3/8" x 1-1/2" H.D.G. Bolt	2
2	NU37G	3/8" H.D.G. Nuts	2
3	WL37G	3/8" H.D.G. Lockwashers	2

** Flatwashers Are To Be Used At All Slotted Hole Locations !! **

WEIGHT & ENGINEERING INFORMATION

KIT NO.	WEIGHT (lbs.)	DESCRIPTION	CaAc (Sq. Ft.)
HKS-65-1	3.26	Inside 6 Snap-In Hanger Kit	N/A

CONNECTION 1



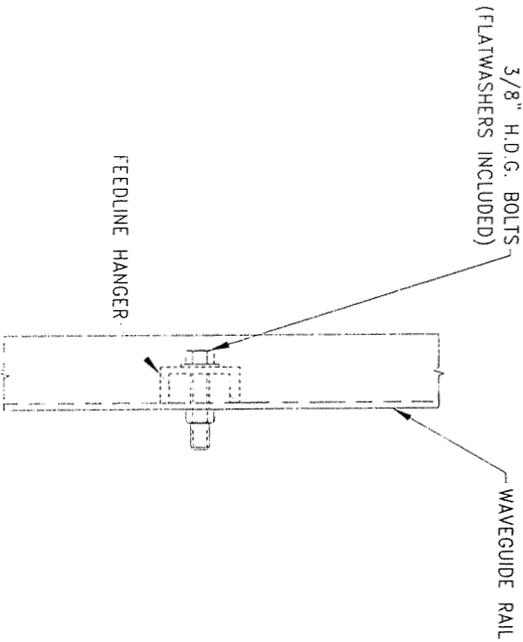
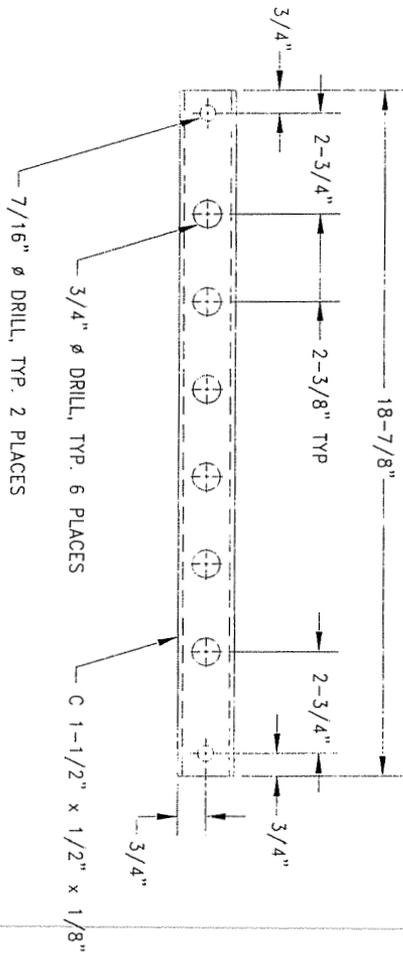
KIT USE INFORMATION

- 1.) This Kit Is Per One Hanger Assembly Only. Waveguide Rail Is Not Included.
- 2.) Hanger Is Designed With 2-3/8" Spacing From C-C Of Each Hole To Accommodate 1/2" Through 1-5/8" Line.

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				J.J.B.	2-11-02
				CHECK	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION	COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION.	TOLERANCES .X± 3/32" ANGLES± 2" .XX± 3/32" DRILLED HOLES ±.001/32" .XXX± 1/16" BURNED HOLES ±.001/16"	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES
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 Dielectric A Division of SPX Corporation TOWER OPERATIONS	PH# (812) 853-0595 FAX# (812) 853-6652 2855 HIGHWAY 261 NEWBURGH, IN. 47630
	TITLE INSIDE 6 SNAP-IN HANGER KIT
DWG NO. HKS-65-	REV -
DO NOT SCALE DRAWING	

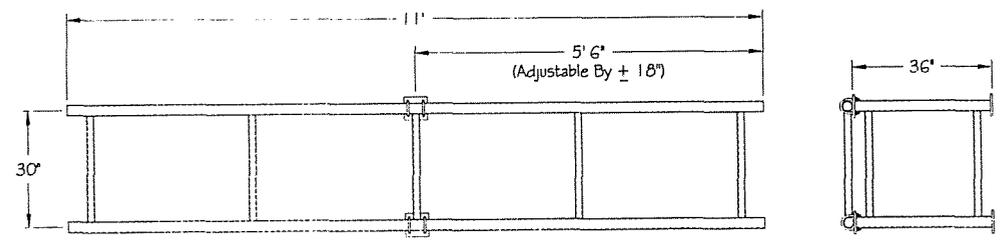
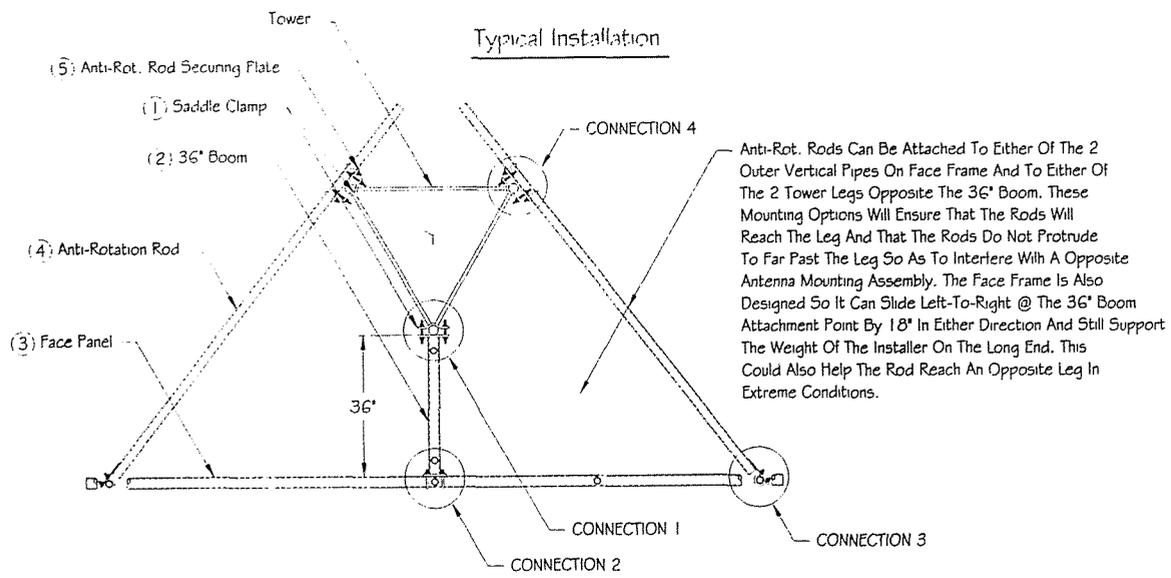


SPECIAL NOTE: TO BE USED FOR CLIP-ON STYLE WAVEGUIDE LADDER ONLY.

REV. #	DESCRIPTION	DATE	APP.	ORIGIN	DATE
				A.J.H.	2-11-02

THIRD ANGLE PROJECTION	COMPANY CONFIDENTIAL INFORMATION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
	CONTAINED HEREIN IS CONFIDENTIAL INFORMATION OF THE COMPANY. IT IS TO BE KEPT SECRET AND NOT BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE COMPANY.	

		PH# (312) 833-0595 FAX# (312) 833-6552 2833 NICHOLS AVE. NEWBURGH, NY 10950
TITLE INSIDE 6 SNAP-IN HANGERS		DWG. NO. LA174
DATE 2-11-02		SCALE DRAWING



STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1*	SC-125575	Saddle Clamp For 1-1/4" - 5-3/4" Round Leg	6
2	BMFF-30H-36L	36" Boom	1
3	FF-30H-11L	11' Face panel	1
4	ARFF-2472	Anti-Rot. Rod For 2' - 6' Tower Face	2
5*	ARP-FF-01	Anti-Rotation Rod Securing Plate	2

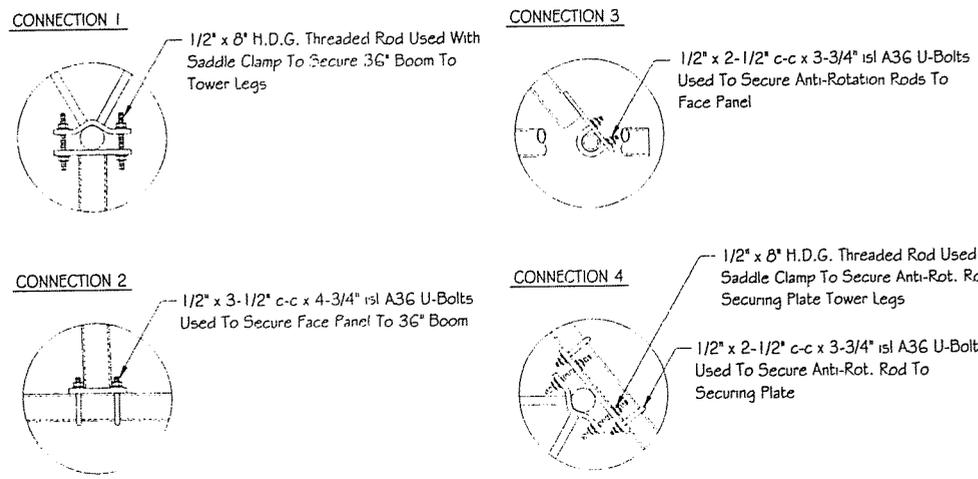
HARDWARE

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	TRG50X800	1/2" x 8" H.D.G. Threaded Rod	12
2	UB50X350	1/2" x 3-1/2" c-c x 4-3/4" Isl A-36 U-Bolts	4
3	UB50X250	1/2" x 2-1/2" c-c x 3-3/4" Isl A-36 U-Bolts	8
4	NU50G	1/2" H.D.G. Nuts	48
5	WL50G	1/2" H.D.G. Lockwashers	48
6	WF50G	1/2" H.D.G. Flatwashers	32

** Flatwashers Are To Be Used At All Slotted Hole Locations !! **

WEIGHT & ENGINEERING INFORMATION

KIT NO.	WEIGHT (lbs.)	DESCRIPTION	CaAc (Sq. Ft.
USG 13-3072-72B	N/A	11' Gate Mount	10.6



KIT USE INFORMATION

- 1.) This Kit Is Designed To Withstand The Loading From Four Panel Antennas @ 110 mph.
- 2.) Will Mount To Any Straight Section 2' - 6' Face With 1-1/4" Thru 5-3/4" Dia. Round Leg.
- 3.) Antenna Mounting Pipes Not Included !
- 4.) Steel Parts Indicated Above With An "*" Will Be Packed With The Hardware.

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				J.J.B.	10-21-04
				CHECK	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION

COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION

TOLERANCES
 X ± 3/32" ANGLES ± 2'
 .XX ± 3/32" DRILLED HOLES #1/32"
 .XXX ± 1/16" BURNED HOLES #1/16"

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES

Dielectric
 A Division of SPX Corporation
 TOWER OPERATIONS

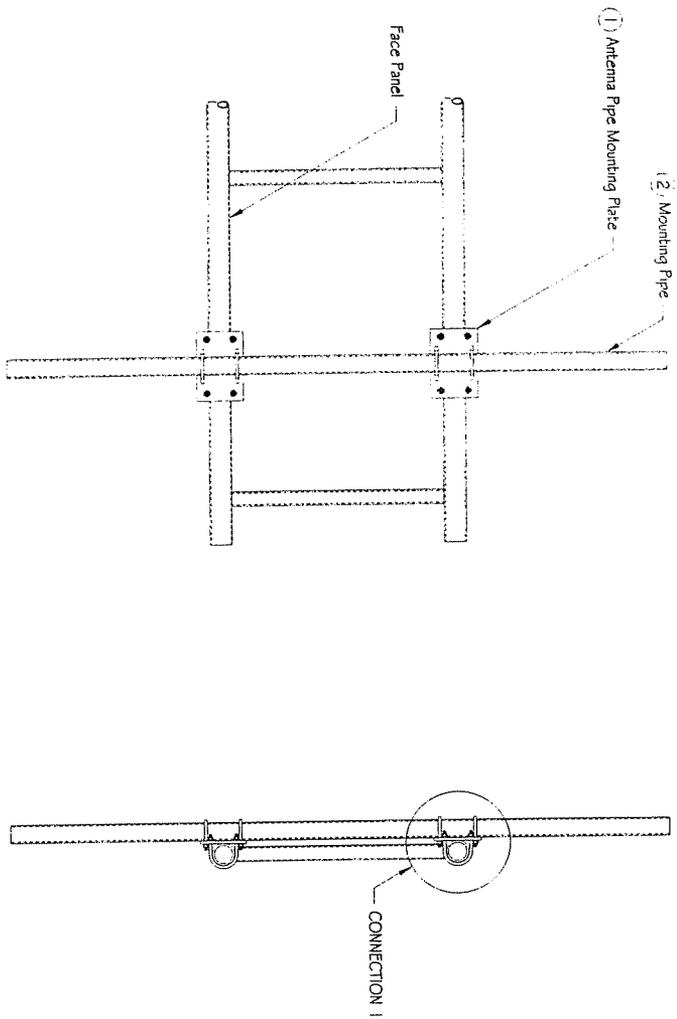
PH# (812) 853-059
 FAX# (812) 853-665
 2855 HIGHWAY 261
 NEWBURGH, ILL. 47630

TITLE
UNIVERSAL 11' GATE MOUN

DWG NO.
USG11- 2

SCALE DRAWING

Typical Installation



CONNECTION 1
 3/8" x 3-1/2" c-c x 4-1/2" ISl A36 U-Bolts
 Antenna Pipe Mounting Plate To Face Panel

CONNECTION 2
 3/8" x 3" c-c x 4" ISl A36 U-Bolts Are
 Used To Secure Mounting Pipe To Antenna
 Pipe Mounting Plate

STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1 *	AMP-2-3-FF	Antenna Pipe Mounting Plate	2
2	F2040-96	2" Sch 40 x 96" Long Antenna mounting Pipe	1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	UB37X350	3/8" x 3-1/2" c-c x 4-1/2" ISl A-36 U-Bolts	4
2	UB37X300	3/8" x 3" c-c x 4" ISl A-36 U-Bolts	4
3	NU37G	3/8" H.D.G. Nuts	16
4	ML37G	3/8" H.D.G. Lockwashers	16
5	WF37G	3/8" H.D.G. Flatwashers	16

HARDWARE

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	UB37X350	3/8" x 3-1/2" c-c x 4-1/2" ISl A-36 U-Bolts	4
2	UB37X300	3/8" x 3" c-c x 4" ISl A-36 U-Bolts	4
3	NU37G	3/8" H.D.G. Nuts	16
4	ML37G	3/8" H.D.G. Lockwashers	16
5	WF37G	3/8" H.D.G. Flatwashers	16

** Flatwashers Are To Be Used At All Slotted Hole Locations !! **

WEIGHT & ENGINEERING INFORMATION

KIT NO.	WEIGHT (lbs.)	DESCRIPTION	GAUC (54. Ft.)
SP30-2096	42	2" Sch 40 x 96" Long Pipe	75

KIT USE INFORMATION

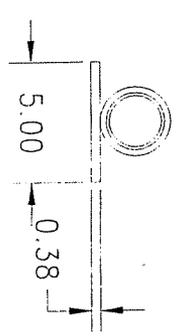
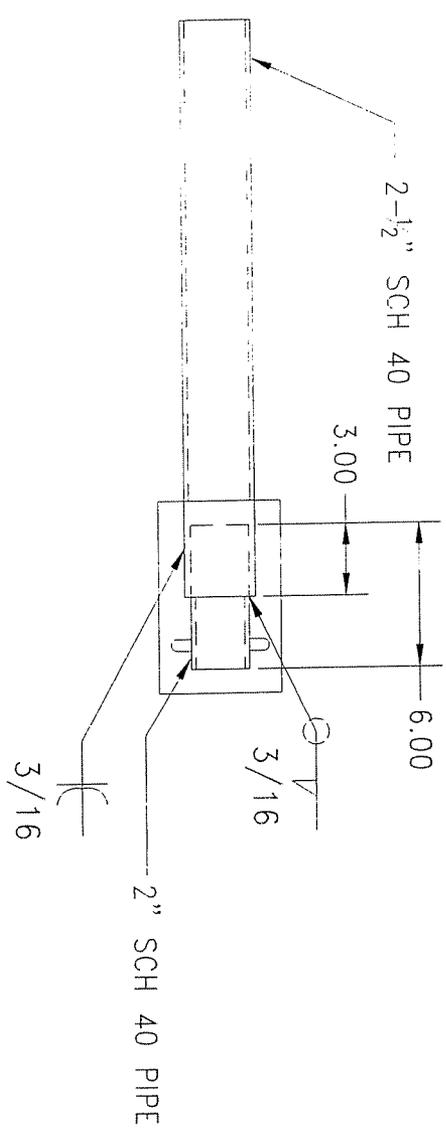
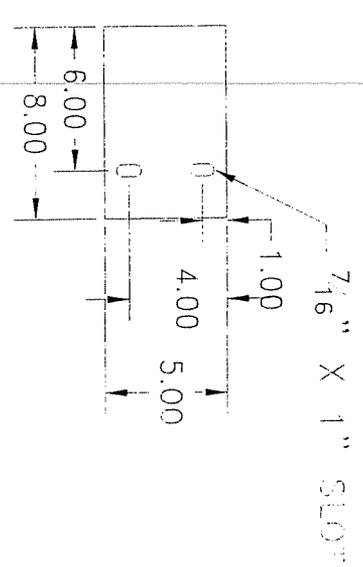
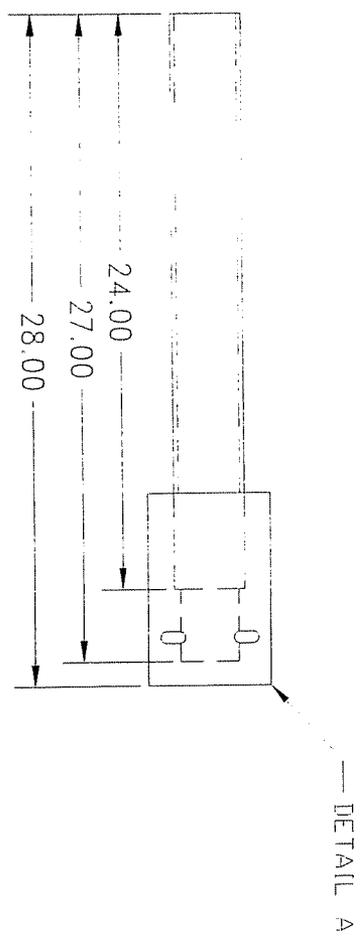
- 1.) This Kit Is Designed To Be Used With 2-1/2" Horizontal Pipe Mounting Panels.
- 2.) Steel Parts Indicated Above With An " * " Will Be Packed With The Hardware.

REV. /	DESCRIPTION	DATE	APP.	DATE

Dielectric
 Tower Operations
 2855 Highway 281
 Newburgh, IN 47630
 PH# (812) 853-0595
 FAX# (812) 853-6652

STANDARD 2" SCH. 40 x 96" PIPE
 SP30-2C

THIS ANGLE PROJECTION CONTAINS INFORMATION THAT IS TO BE USED SOLELY FOR THE PURPOSES OF THE PROJECT AND IS TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE COMPANY.



DETAIL A
ASTM A36 (FY ≥ 36 ksi)

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				J.R.S. <td>1-18-05</td>	1-18-05

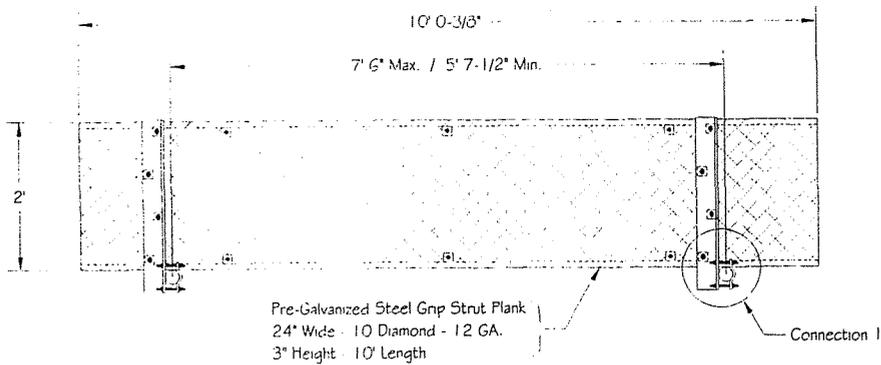
Dielectric
 A Division of DC Corporation
 TOWER OPERATORS
 PH# (812) 853-0594
 FAX# (812) 853-6555
 2835 HIGHWAY 261
 NEWBURGH, NY 10950

TITLE: **FACE FRAME EXTENSION**
 DWG. NO.: **-X**
 NO. OF SCALE DRAWING

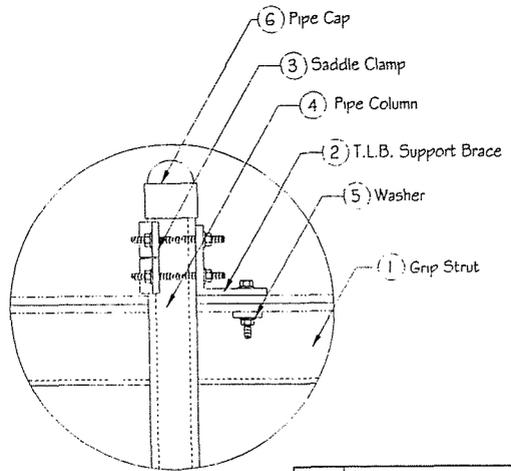
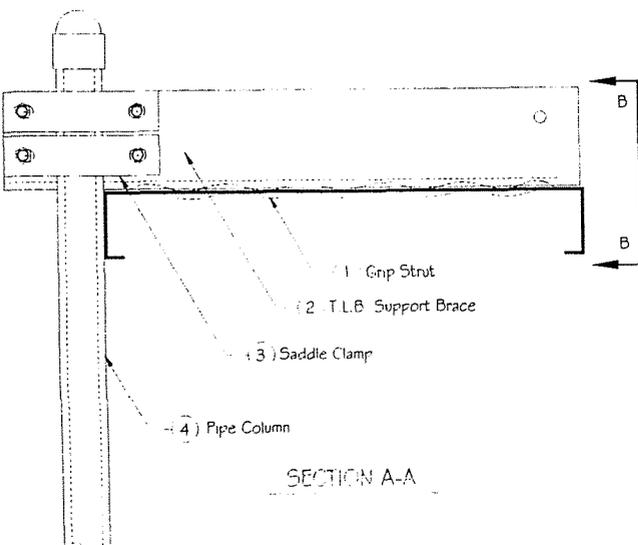
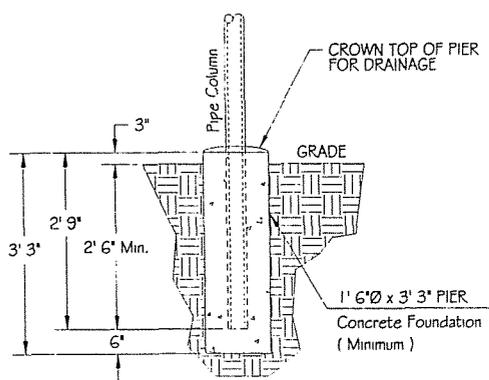
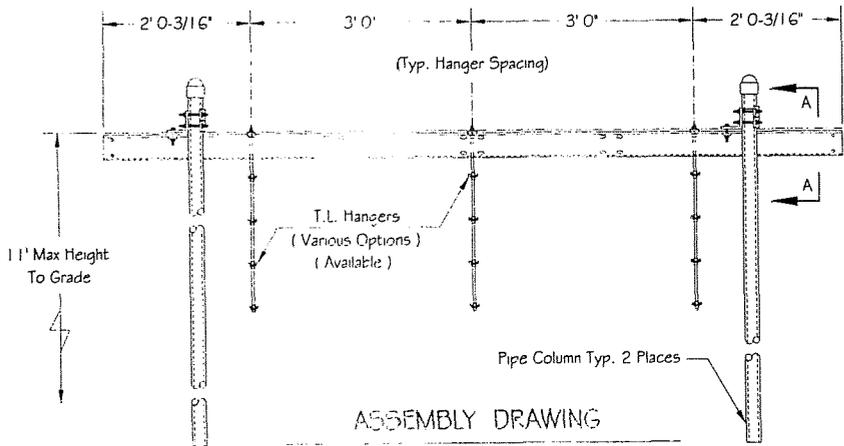
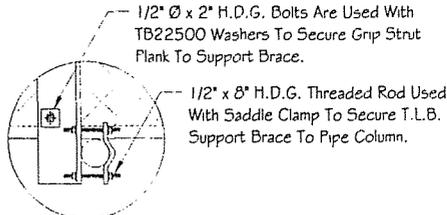
THIRD ANGLE PROJECTION
 COMPANY CONFIDENTIAL, INFORMATION CONTAINED HEREIN IS PROPRIETARY AND IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE WRITTEN PERMISSION OF DC CORPORATION

TOLERANCES
 ANGLES ± .005
 HOLE DIA. ± .005
 HOLE POSITION ± .010
 HOLE DRILLING ± .010

DIMENSIONS ARE IN INCHES
 UNLESS OTHERWISE SPECIFIED



Connection 1



STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	TB210-12	2' x 10' Grip Strut Plank	1
2	TLB55-3-4	T. L. B. Support Brace	2
3*	5C-125575	Saddle Clamp For 1-1/4" - 5-3/4" Round Leg	4
4	P3540-168	3-1/2" Sch 40 x 14' Pipe Column	2
5*	TB22500	Washer	8
6*	IB350	3-1/2" Sch 40 Pipe Cap	2

HARDWARE

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	TRG50X800	1/2" x 8' H.D.G. Threaded Rod	8
2	BT50X200	1/2" x 2" H.D.G. Bolt	8
3	NU50G	1/2" H.D.G. Nuts	24
4	WL50G	1/2" H.D.G. Lockwashers	24
5	WF50G	1/2" H.D.G. Flatwashers	16

** Flatwashers Are To Be Used At All Slotted Hole Locations !! **

WEIGHT & ENGINEERING INFORMATION

KIT NO.	WEIGHT (lbs.)	DESCRIPTION	CaAc (Sq. Ft.)
TL2-210-140	453	2' x 10' Bridge : Two 14' Columns	N/A

NOTES:

- 1.) Hanger Spacing Shown Is For Reference Only. Spacing May Change Due To Customers Personal Preference And / Or Site Conditions.
- 2.) Transmission Line Hangers Are Not Provided With This Kit !
- 3.) Foundation Shown Is A Minimum Recommendation Only. The Bottom Of The Foundation Should Be Extended Deeper If The Freeze Line Is Below 3' For The Area In Which It Is Installed.
- 4.) Steel Parts Indicated Above With An "*" Will Be Packed With The Hardware.

Dielectric
A Division of SPC Corporation
TOWER OPERATIONS

PH# (812) 853-0599
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

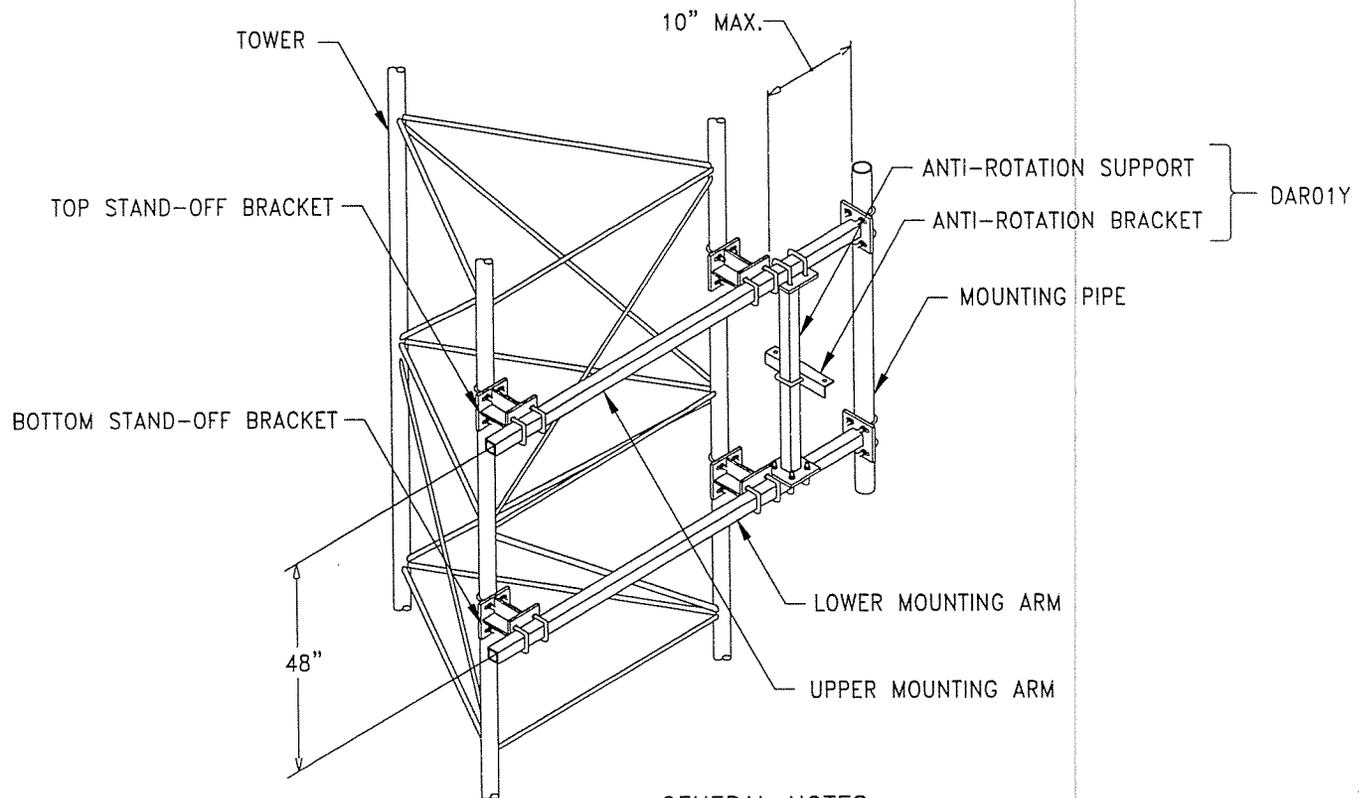
TITLE
2' x 10' BRIDGE W/ (2) 14' LENGTH PIPE COLUMN

DWG NO.
TL2-210-140

DO NOT SCALE DRAWING

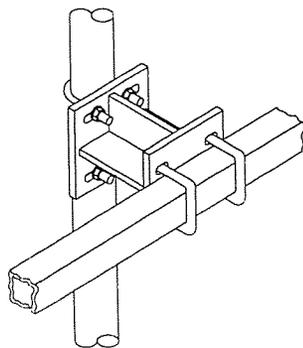
REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				A.J.H.	9-7-00
				CHECK	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION	COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPC CORPORATION.	TOLLRANCES .X± 3/32" ANGLES± 2" .XX± 3/32" DRILLED HOLES #1/32" .XXX± 1/16" BURNED HOLES #1/16"	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES
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GENERAL NOTES:

1. SEE SHIPPING LIST FOR PROPER PARTS & HARDWARE REQUIRED TO ENSURE PROPER INSTALLATION.
2. MOUNT CAN BE PLACED ON THE INSIDE OR OUTSIDE OF TOWER.
3. ANTI-ROTATION SUPPORT ASSEMBLY CAN BE PLACED AT ANY LOCATION ALONG THE MOUNTING ARMS.
4. WHEN MOUNTING ON THE INSIDE OF A TAPERED SECTION THE STAND-OFF BRACKETS SHOULD BE ROTATED TO THE INSIDE OF THE SECTION AND THEN SWITCHED TOP TO BOTTOM REMBERING THAT THE SIDE OF THE BRACKETS THAT WERE FACING UPWARD WILL NOW NEED TO BE FACING DOWN.



REV. #	DESCRIPTION	DATE	APP.	DRAWN A.J.H.	DATE 7-18-97
				CHECK	DATE
				APPROVAL	DATE

TOLERANCES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN:
.X±	3/32" ANGLES± 2°	INCHES
.XX±	3/32" DRILLED HOLE± #1/32"	
.XXX±	1/16" EURNED HOLE± #1/16"	

Dielectric
A Division of SPE Corporation
TOWER OPERATIONS

PH# (812) 853-0595
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47650

TITLE
STAND-OFF DISH MOUNTS INSTALLATION DETAILS

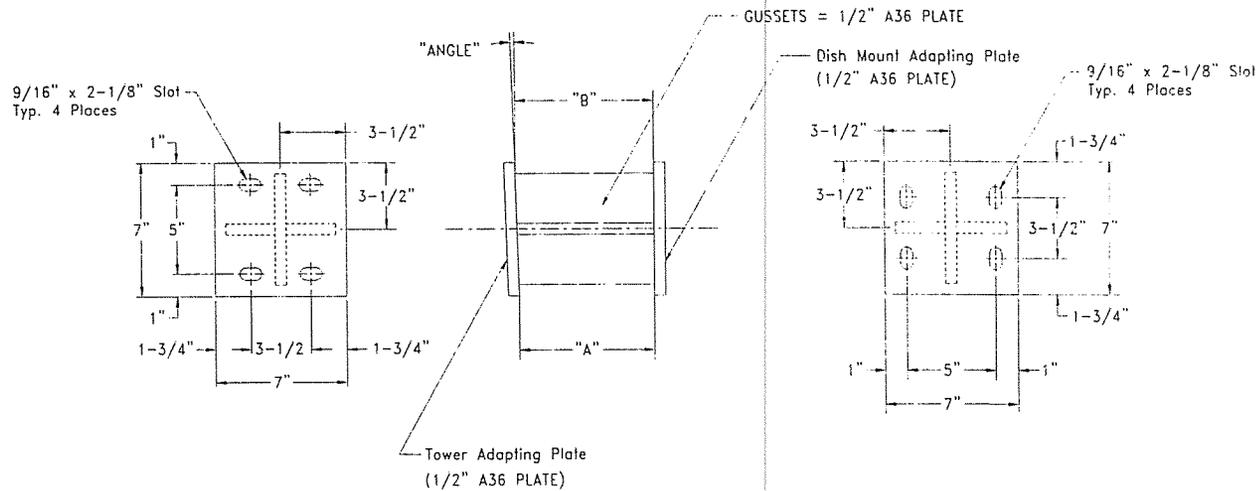
DWG NO.
DB-S-IN

REV
0

DO NOT SCALE DRAWING



THIRD ANGLE PROJECTION
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STAND-OFF BRACKET DIMENSION INFORMATION

PART NO.	DESCRIPTION	LOCATION	"A"	"B"	"ANGLE"
DB0000-S	STANDARD BRACKET	TOP OR BOT.	6"	6"	0°
DB2920-U	UPPER BRACKET	TOP ARM	7.03"	7.03"	0°
DB2920-L	LOWER BRACKET	BOTTOM ARM	6"	6.14"	1.38°

THIS STAND-OFF BRACKET FITS 1-1/4" Ø LEG - 5" Ø LEG.

Dielectric
TOWER OPERATIONS
PH# (812) 853-0595
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

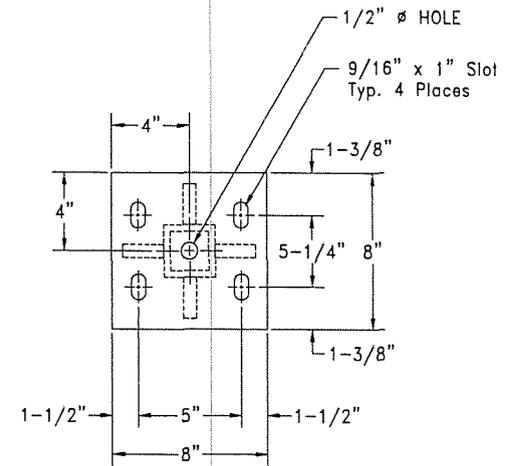
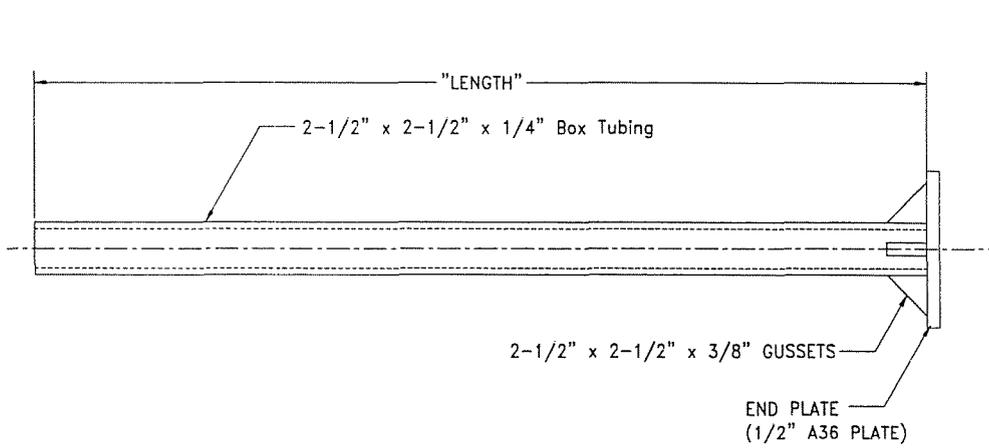
REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				R.E.H.	7-23-97
				CHECK	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION	COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL IF IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SFA CORPORATION	TOLERANCES .X± 3/32" ANGLES± 2° .XX± 3/32" DRILLED HOLE± #1/32" .XXX± 1/16" BURIED HOLE± #1/16"	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES
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TITLE
DISH MOUNT STAND-OFF BRACKET

DWG NO.
DB-S-OF

DO NOT SCALE DRAWING



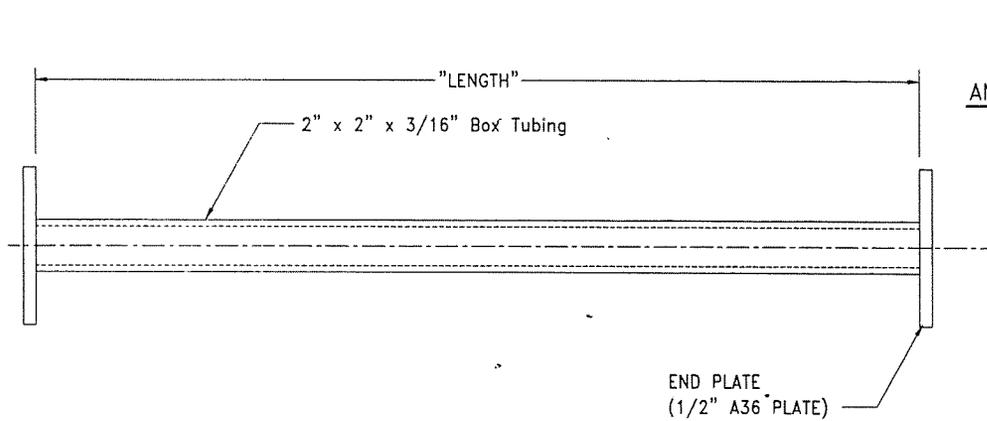
DISH MOUNTING ARM DIMENSION INFORMATION

PART NO.	"FACE SIZE"	"LENGTH"
DA024048	2' - 4'	72"
DA054072	4.5' - 6'	96"
DA084120	7' - 10'	144"
DA132168	11' - 14'	192"
DA180216	15' - 18'	240"
DA228264	19' - 22'	288"

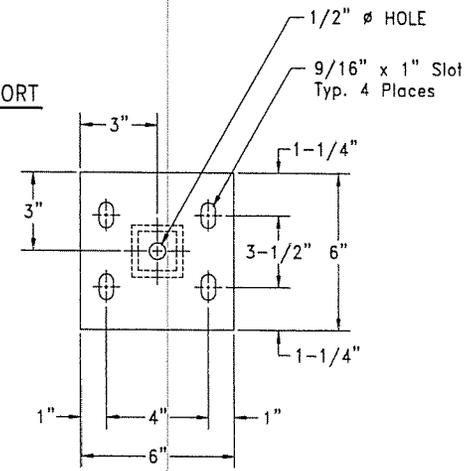
REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				R.E.H.	7-21-97
				CHECK	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION	COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION.	TOLERANCES .X± 3/32" ANGLES± z .XX± 3/32" DRILLED HOLES ± #1/32" .XXX± 1/16" BURNED HOLES ± #1/16"	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES
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 Dielectric <small>A Division of SPX Corporation</small> TOWER OPERATIONS	PH# (812) 853-0595 FAX# (812) 853-6652 2855 HIGHWAY 261 NEWBURGH, IN. 47630
	TITLE
DISH MOUNTING ARM DETAIL	
DWG NO.	REV
DA-2426	0
DO NOT SCALE DRAWING	

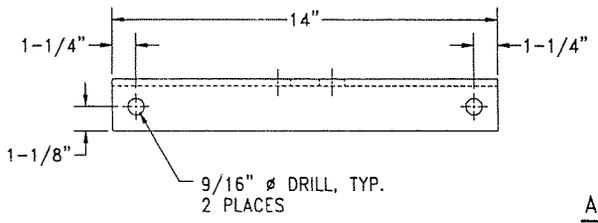


ANTI-ROTATION SUPPORT

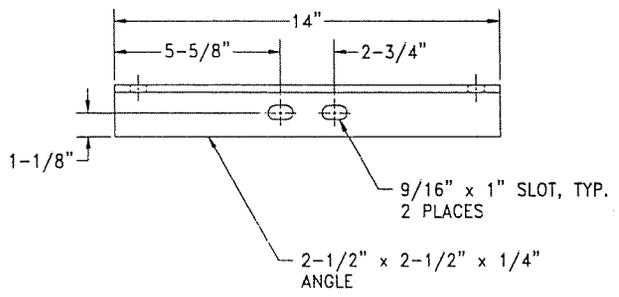


ANTI-ROTATION SUPPORT DIM.

PART NO.	"ARM SIZE"	"LENGTH"
DAR-01M	2-1/2" BOX	44-3/8"
DAR-05M	3" BOX	43-7/8"



ANTI-ROTATION BRACKET



NOTE: (1) ANTI-ROTATION SUPPORT AND 1 ANTI-ROTATION BRACKET ARE REQ'D TO COMPLETE ANTI-ROTATION ASSEMBLY.

Dielectric
TOWER OPERATIONS

PH# (812) 853-0595
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				R.E.H.	7-21-97
				CHECK	DATE
				APPROVAL	DATE

TITLE
DISH MOUNT ANTI-ROTATION ASSEMBLY

THIRD ANGLE PROJECTION

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TOLERANCES

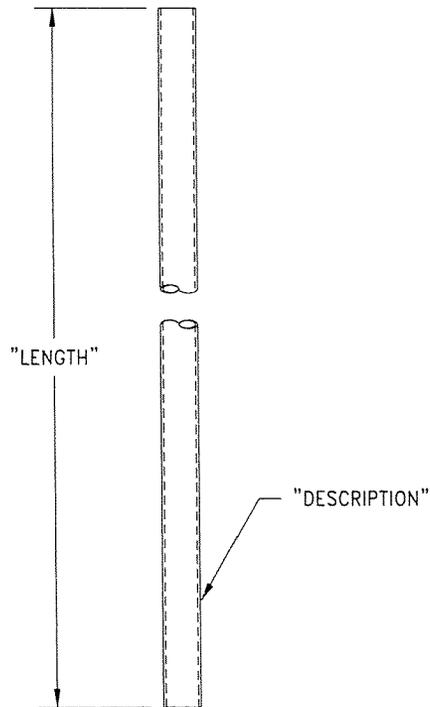
.X± 3/32" ANGLES± 2°
.XX± 3/32" DRILLED HOLE± #1/32"
.XXX± 1/16" BURNED HOLE± #1/16"

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN:
INCHES

DWG NO.
DAR-010'

REV
0

DO NOT SCALE DRAWING



PART DETAIL CHART

PART NO.	"DESCRIPTION"	"LENGTH"
P2040-63	2" SCH 40 PIPE	63"
P2040-72	2" SCH 40 PIPE	72"
P2040-84	2" SCH 40 PIPE	84"
P2040-96	2" SCH 40 PIPE	96"
P2040-108	2" SCH 40 PIPE	108"
P2040-120	2" SCH 40 PIPE	120"
P2040-126	2" SCH 40 PIPE	126"
P2040-144	2" SCH 40 PIPE	144"
P2040-168	2" SCH 40 PIPE	168"
P2040-180	2" SCH 40 PIPE	180"
P2040-252	2" SCH 40 PIPE	252"
P2540-63	2-1/2" SCH 40 PIPE	63"
P2540-72	2-1/2" SCH 40 PIPE	72"
P2540-84	2-1/2" SCH 40 PIPE	84"
P2540-96	2-1/2" SCH 40 PIPE	96"
P2540-108	2-1/2" SCH 40 PIPE	108"
P2540-125	2-1/2" SCH 40 PIPE	120"
P2540-126	2-1/2" SCH 40 PIPE	126"
P2540-144	2-1/2" SCH 40 PIPE	144"
P2540-168	2-1/2" SCH 40 PIPE	168"
P2540-180	2-1/2" SCH 40 PIPE	180"
P2540-252	2-1/2" SCH 40 PIPE	252"
P3040-63	3" SCH 40 PIPE	63"
P3040-72	3" SCH 40 PIPE	72"
P3040-84	3" SCH 40 PIPE	84"
P3040-96	3" SCH 40 PIPE	96"
P3040-108	3" SCH 40 PIPE	108"
P3040-130	3" SCH 40 PIPE	120"

PART DETAIL CHART

PART NO.	"DESCRIPTION"	"LENGTH"
P3040-126	3" SCH 40 PIPE	126"
P3040-144	3" SCH 40 PIPE	144"
P3040-168	3" SCH 40 PIPE	168"
P3040-180	3" SCH 40 PIPE	180"
P3040-252	3" SCH 40 PIPE	252"
P3580-126	3-1/2" SCH 80 PIPE	126"
P3580-168	3-1/2" SCH 80 PIPE	168"
P3580-180	3-1/2" SCH 80 PIPE	180"
P3580-192	3-1/2" SCH 80 PIPE	192"
P3580-204	3-1/2" SCH 80 PIPE	204"
P3580-252	3-1/2" SCH 80 PIPE	252"
P4040-63	4" SCH 40 PIPE	63"
P4040-72	4" SCH 40 PIPE	72"
P4040-84	4" SCH 40 PIPE	84"
P4040-96	4" SCH 40 PIPE	96"
P4040-108	4" SCH 40 PIPE	108"
P4040-140	4" SCH 40 PIPE	120"
P4040-126	4" SCH 40 PIPE	126"
P4040-144	4" SCH 40 PIPE	144"
P4040-168	4" SCH 40 PIPE	168"
P4040-180	4" SCH 40 PIPE	180"
P4040-252	4" SCH 40 PIPE	252"
P4080-126	4" SCH 80 PIPE	126"
P4080-168	4" SCH 80 PIPE	168"
P4080-180	4" SCH 80 PIPE	180"
P4080-192	4" SCH 80 PIPE	192"
P4080-204	4" SCH 80 PIPE	204"
P4080-252	4" SCH 80 PIPE	252"

REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
				A.J.H.	4-19-00
				CHECK	DATE
				APPROVAL	DATE

THIRD ANGLE PROJECTION

COMPANY CONFIDENTIAL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION

TOLERANCES
 .X± 3/32" ANGLES± 2°
 .XX± 3/32" DRILLED HOLE± #1/32"
 .XXX± 1/16" BURNED HOLE± #1/16"

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES

Dielectric
 A Division of SPX Corporation
 TOWER OPERATIONS

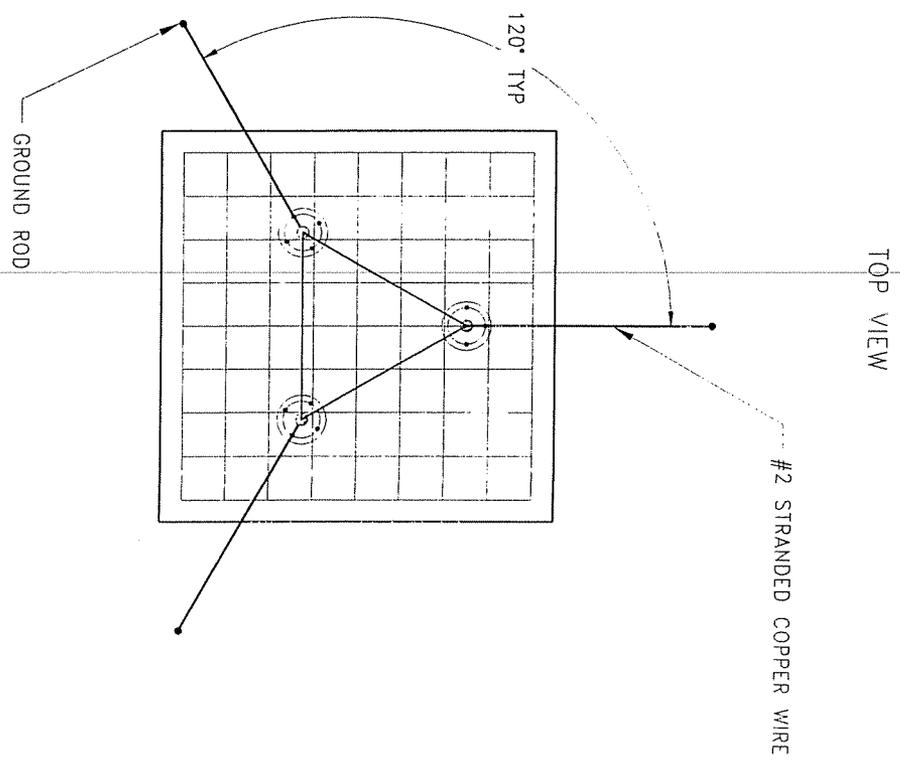
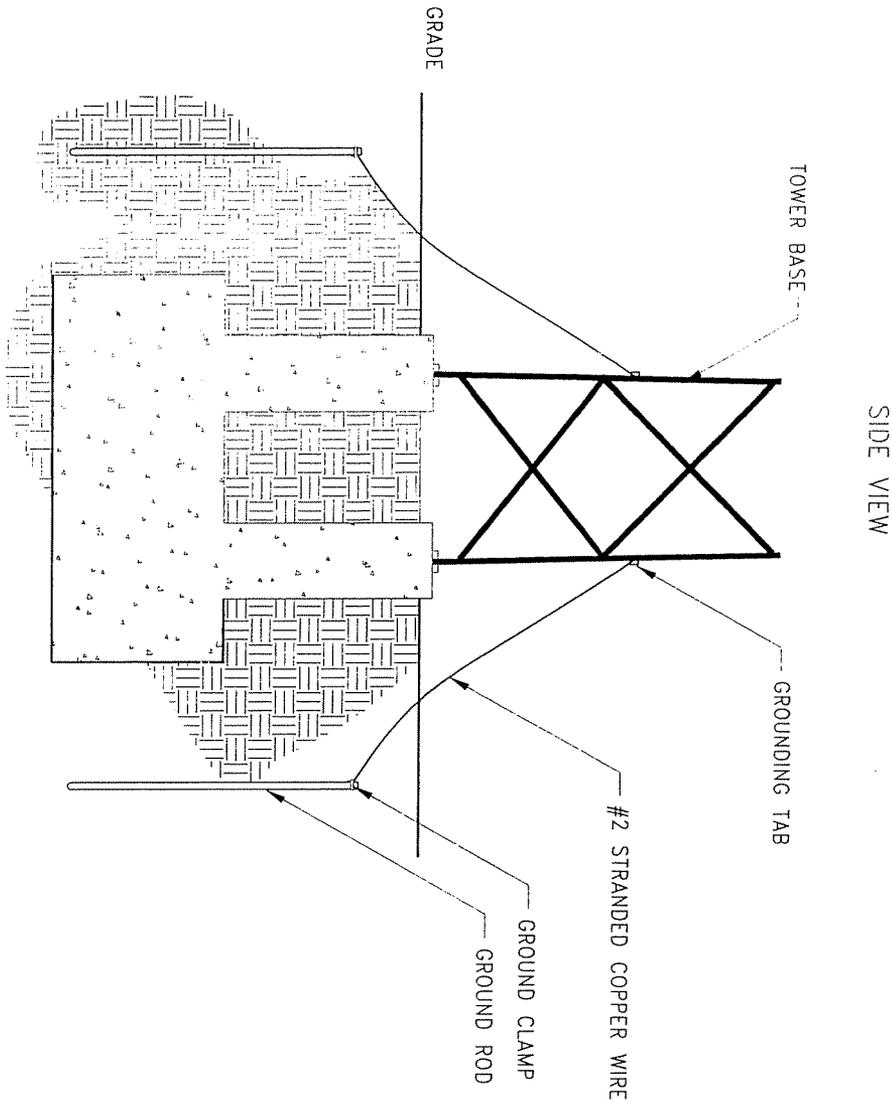
PH# (812) 853-0595
 FAX# (812) 853-6652
 2855 HIGHWAY 261
 NEWBURGH, IN. 47630

TITLE
STANDARD PIPE PARTS LIST

DWG NO.
PIPE-PT1

REV
0

DO NOT SCALE DRAWING



BASE GROUNDING DETAIL

REV #	DESCRIPTION	DATE	APP.	DRAWN	DATE
1		12-9-98	A.J.H.		12-9-98

Dielectric
 A Division of Dielectric
 TOWER OPERATIONS
 PH# (812) 853-0995
 FAX# (812) 853-6552
 2855 HIGHWAY 251
 NEWBURGH, IN 47630

TITLE: SELF SUPPORTER STANDARD GROUNDING INSTALLATION
 DWG NO.: STD-GRN
 S
 DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
 COMPANY CONSTRUCTION, INSTALLATION
 IS TO BE USED SOLELY FOR THE
 COMPANY AND IS NOT TO BE REPRODUCED
 OR DISCLOSED TO OTHERS WITHOUT THE
 WRITTEN CONSENT OF THE COMPANY.

TOLERANCES
 X.X 3/32" ANGLES ±
 .XXX 3/32" DRILLED HOLES ±1/32"
 .XXX ± 1/16" SPINDLE HOLES ±1/16"

DIMENSIONS
 ARE IN INCHES
 UNLESS OTHERWISE SPECIFIED

Diagonal (Distance from End)

Shop Check	# Of Pieces Checked	Section	Location	# Bays	Description	"A"	Dist. For 1st-Hole	Dist. For 2nd-Hole	Dist. For 3rd-Hole	Dist. For 4th-Hole	Total Cut-Length	# Rec'd	Drill Size	Cope Req'd	Parts Comp.
		A	1	3	3 1/2 x 3 1/2 x 1/4	1 7/8	1 3/4	124 21/32	127 9/32	250 3/16	251 15/16	6	13/16	Y	
		A	2	3	3 1/2 x 3 1/2 x 1/4	1 7/8	1 3/4	121 5/8	124 1/8	244	245 3/4	6	13/16	Y	
		A	3	3	3 1/2 x 3 1/2 x 1/4	1 7/8	1 3/4	119 15/32	122 1/8	239 27/32	241 19/32	6	13/16	Y	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		B	1	3	3 1/2 x 3 1/2 x 1/4	1 7/8	1 3/4	116 17/32	119 3/16	233 31/32	235 23/32	6	13/16	Y	
		B	2	3	3 1/2 x 3 1/2 x 1/4	1 7/8	1 3/4	113 1/2	116	227 3/4	229 1/2	6	13/16	Y	
		B	3	3	3 1/2 x 3 1/2 x 1/4	1 7/8	1 3/4	111 3/8	114 1/32	223 21/32	225 7/16	6	13/16	Y	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		C	1	3	3 x 3 x 3/16	1 19/32	1 3/4	108 9/16	111 7/32	218 1/32	219 13/16	6	13/16	N	
		C	2	3	3 x 3 x 3/16	1 19/32	1 3/4	105 17/32	108 1/16	211 27/32	213 9/16	6	13/16	N	
		C	3	3	3 x 3 x 3/16	1 19/32	1 3/4	103 15/32	106 5/32	207 7/8	209 5/8	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		D	1	3	3 x 3 x 3/16	1 19/32	1 3/4	100 9/16	103 1/4	202 1/16	203 27/32	6	13/16	N	
		D	2	3	3 x 3 x 3/16	1 19/32	1 3/4	97 1/2	100 1/16	195 13/16	197 17/32	6	13/16	N	
		D	3	3	3 x 3 x 3/16	1 19/32	1 3/4	95 17/32	98 1/4	192 1/32	193 3/4	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		E	1	3	3 x 3 x 3/16	1 19/32	1 3/4	92 21/32	95 3/8	186 9/32	188 1/16	6	13/16	N	
		E	2	3	3 x 3 x 3/16	1 19/32	1 3/4	89 9/16	92 5/32	179 31/32	181 23/32	6	13/16	N	
		E	3	3	3 x 3 x 3/16	1 19/32	1 3/4	87 11/16	90 7/16	176 3/8	178 1/8	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		F	1	3	2 1/2 x 2 1/2 x 3/16	1 7/16	1 3/4	84 31/32	87 3/4	170 31/32	172 23/32	6	13/16	N	
		F	2	3	2 1/2 x 2 1/2 x 3/16	1 7/16	1 3/4	81 27/32	84 15/32	164 9/16	166 11/32	6	13/16	N	
		F	3	3	2 1/2 x 2 1/2 x 3/16	1 7/16	1 3/4	80 11/16	82 7/8	161 3/16	162 31/32	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		G	1	3	2 1/2 x 2 1/2 x 3/16	1 7/16	1 3/4	77 5/16	80 5/32	155 23/32	157 15/32	6	13/16	N	
		G	2	3	2 1/2 x 2 1/2 x 3/16	1 7/16	1 3/4	74 3/16	76 7/8	149 5/16	151 1/32	6	13/16	N	
		G	3	3	2 1/2 x 2 1/2 x 3/16	1 7/16	1 3/4	72 17/32	75 7/16	146 7/32	147 15/16	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		H	1	3	2 x 2 x 3/16	1 3/32	1 3/4	69 27/32	72 25/32	140 7/8	142 19/32	6	13/16	N	
		H	2	3	2 x 2 x 3/16	1 3/32	1 3/4	66 11/16	69 15/32	134 13/32	136 5/32	6	13/16	N	
		H	3	3	2 x 2 x 3/16	1 3/32	1 3/4	65 3/16	68 3/16	131 5/8	133 13/32	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		I	1	3	2 x 2 x 3/16	1 3/32	1 3/4	62 23/32	65 25/32	126 3/4	128 1/2	6	13/16	N	
		I	2	3	2 x 2 x 3/16	1 3/32	1 3/4	59 9/16	62 15/32	120 9/32	122 1/16	6	13/16	N	
		I	3	3	2 x 2 x 3/16	1 3/32	1 3/4	58 9/32	61 15/32	118	119 3/4	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		J	1	3	2 x 2 x 3/16	1 3/32	1 3/4	55 27/32	59 1/8	113 7/32	114 15/16	6	13/16	N	
		J	2	3	2 x 2 x 3/16	1 3/32	1 3/4	52 23/32	55 27/32	106 13/16	108 17/32	6	13/16	N	
		J	3	3	2 x 2 x 3/16	1 3/32	1 3/4	51 11/16	55 5/32	105 3/32	106 27/32	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		K	1	3	2 x 2 x 3/16	1 3/32	1 3/4	49 1/2	53 1/8	100 7/8	102 5/8	6	13/16	N	
		K	2	3	2 x 2 x 3/16	1 3/32	1 3/4	46 7/16	49 15/16	94 5/8	96 11/32	6	13/16	N	
		K	3	3	2 x 2 x 3/16	1 3/32	1 3/4	45 23/32	49 11/16	93 21/32	95 13/32	6	13/16	N	
					0 x 0 x 0	0	0	0	0	0	0	6	0	Y	
		L	1	3	2 x 2 x 3/16	1 3/32	1 3/4	43 11/16	47 31/32	89 29/32	91 5/8	6	13/16	N	
		L	2	3	2 x 2 x 3/16	1 3/32	1 3/4	40 23/32	44 15/16	83 29/32	85 21/32	6	13/16	N	
		L	3	3	2 x 2 x 3/16	1 3/32	1 3/4	40 11/32	45 3/8	83 31/32	85 11/16	6	13/16	N	



Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Aeronautical Study No.
2006-ASO-689-OE

Issued Date: 03/01/2006

Art Adam
East Kentucky Network, LLC
1650 Tysons Blvd; Suite 1500
McLean, VA 22102

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: Antenna Tower
Location: Turkey, KY
Latitude: 37-28-46.24 NAD 83
Longitude: 83-29-16.59
Heights: 315 feet above ground level (AGL)
1515 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1 K, Obstruction Marking and Lighting, a med-dual system - Chapters 4, 8 (M-Dual), & 12.

It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

At least 10 days prior to start of construction
(7460-2, Part I)

Within 5 days after the construction reaches its greatest height
(7460-2, Part II)

As a result of this structure being critical to flight safety, it is required that the FAA be kept apprised as to the status of the project. Failure to respond to periodic FAA inquiries could invalidate this determination.

This determination expires on 09/01/2007 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION

MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817)222-5538. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2006-ASO-689-OE.

Signature Control No: 451613-442256

(DNE)

rentiss Andrews
Specialist

Attachment(s)
Frequency Data

7460-2 Attached

Frequency Data for ASN 2006-ASO-689-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
869	894	MHz	500	W
880	890	MHz	300	W

Notice of Proposed Construction or Alteration (7460-1)

Project Name: EAST -000033427-06

Sponsor: East Kentucky Network, LLC

Details for Case : Canoe

Show Project Summary

Case Status

ASN: 2006-ASO-689-OE
Status: Determined
PART2: 7460-2 (PART II) required within 5 days after the construction reaches its greatest height
 Add Supplemental Notice (7460-2)

Date Submitted: 02/06/2006
Date Accepted: 02/06/2006
Date Determined: 03/01/2006
Letter: ONE

Construction / Alteration Information

Notice Of: Construction
Duration: Permanent
if Temporary : Months: Days:
Work Schedule - Start: 04/03/2006
Work Schedule - End: 04/22/2006
State Filing: Filed with State

Structure Summary

Structure Name: Canoe
Structure Type: Antenna Tower
Other :
FCC Number:
Prior ASN:

Structure Details

Latitude: 37° 28' 46" N
Longitude: 83° 29' 17" W
Horizontal Datum: NAD27
Horizontal Accuracy: None
Site Elevation (SE): 1200 (nearest foot)
Structure Height (AGL): 315 (nearest foot)
Marking/Lighting: Dual-red and medium intensity

Common Frequency Bands

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
869	894	MHz	500	W

Specific Frequencies

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
880	890	MHz	300	W

Other :

Nearest City: Turkey
Nearest State: Kentucky
Traverseway: Public Highway
Description of Location: Site is 1.1 miles WSW of Pine Top (Knott), KY.
Description of Proposal: 300-ft communications tower with 15-ft top-mounted antenna for operation of a Band B cellular base station.

**EAST KENTUCKY NETWORK, LLC
DBA APPALACHIAN WIRELESS**

FINANCIAL REPORT

December 31, 2004

INDEPENDENT AUDITOR'S REPORT

To the Members
East Kentucky Network, LLC
dba Appalachian Wireless
Prestonsburg, Kentucky 41653

We have audited the accompanying balance sheets of East Kentucky Network, LLC, dba Appalachian Wireless as of December 31, 2004 and 2003 and the related statements of income, members' equity and cash flows for the years then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of East Kentucky Network, LLC, dba Appalachian Wireless as of December 31, 2004 and 2003 and the results of its operations and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Jones, Nale & Mattingly P.C.

Louisville, Kentucky
February 18, 2005

EAST KENTUCKY NETWORK, LLC
DBA APPALACHIAN WIRELESS

BALANCE SHEETS
December 31, 2004 and 2003

ASSETS	<u>2004</u>	<u>2003</u>
CURRENT ASSETS		
Cash and cash equivalents	\$ 2,115,534	\$ 2,780
Short-term investments	100,000	2,610
Accounts receivable, less allowance for doubtful accounts of \$378,680 in 2004 and \$280,280 in 2003	1,481,900	1,200
Accounts receivable, members (Notes 6 and 7)	54,397	7
Inventory	826,636	41
Prepaid expenses	<u>148,558</u>	<u>10</u>
Total current assets	<u>\$ 4,727,025</u>	<u>\$ 7,200</u>
 PROPERTY, PLANT AND EQUIPMENT (Note 4)		
Plant in service:		
General support	\$ 7,536,872	\$ 7,020
MTSO equipment	10,925,458	6,260
Cell equipment	31,817,505	25,500
Paging equipment	3,309,174	3,300
Fiber ring	4,484,626	3,980
Unfinished plant	<u>1,708,762</u>	<u>1,520</u>
	\$ 59,782,397	\$ 47,600
Less accumulated depreciation	<u>23,457,869</u>	<u>19,300</u>
	<u>\$ 36,324,528</u>	<u>\$ 28,300</u>
 OTHER ASSETS		
Investment in affiliated company, RTFC (Note 4)	\$ 873,368	\$ 8
Intangible assets, net of accumulated amortization of \$1,741,672 in 2004 and \$1,301,347 in 2003 (Note 2)	4,762,678	5,100
Goodwill	787,286	7
Other	<u>29,788</u>	<u>0</u>
	<u>\$ 6,453,120</u>	<u>\$ 6,800</u>
	<u>\$ 47,504,673</u>	<u>\$ 42,100</u>

The Notes to Financial Statements are an integral part of these statements.

LIABILITIES AND MEMBERS' EQUITY	<u>2004</u>	<u>2003</u>
CURRENT LIABILITIES		
Notes payable (Note 3)	\$ 400,000	\$ 2,200,000
Current maturities of long-term debt (Note 4)	847,380	798,055
Accounts payable	1,142,766	662,323
Accounts payable, member (Notes 6 and 7)	604	6,178
Accrued expenses	1,174,425	780,509
Customer deposits	152,350	164,192
Total current liabilities	<u>\$ 3,717,525</u>	<u>\$ 4,611,257</u>
LONG-TERM DEBT, less current maturities (Note 4)	9,880,604	7,408,929
MEMBERS' EQUITY	33,906,544	30,338,641
	<u><u>\$ 47,504,673</u></u>	<u><u>\$ 42,358,827</u></u>

**EAST KENTUCKY NETWORK, LLC
DBA APPALACHIAN WIRELESS**

**STATEMENTS OF INCOME
Years Ended December 31, 2004 and 2003**

	2004	2003
REVENUE		
Retail	\$ 18,777,436	\$ 16,436,390
Roamer	4,693,531	3,784,721
Long distance	168,585	178,971
Paging	1,282,952	1,606,370
Equipment sales, cellular	1,571,027	1,365,233
Equipment sales, paging	79,573	87,928
Other	2,308,826	1,908,727
Total revenue	\$ 28,881,930	\$ 25,368,340
 EXPENSES		
Cost of cellular service	\$ 7,155,982	\$ 7,019,191
Cost of paging service	589,260	629,904
Cost of equipment sales, cellular	3,202,000	2,256,150
Cost of equipment sales, paging	101,331	140,398
Customer service	1,004,290	950,566
Billing	1,100,361	1,016,679
Selling	1,598,369	1,337,980
Maintenance	873,613	705,705
Utilities	306,593	303,426
Bad debts	698,471	937,244
Cell site rental	120,866	127,313
Taxes	243,180	241,575
Advertising	688,001	470,732
General and administrative	1,868,518	1,473,026
Occupancy	452,041	253,738
Depreciation	4,084,043	3,481,218
Amortization	507,010	609,215
Total expenses	\$ 24,593,929	\$ 21,954,060
Income from operations	\$ 4,288,001	\$ 3,414,280
 OTHER INCOME (EXPENSE)		
Interest income	\$ 29,556	\$ 38,725
Interest expense	(574,654)	(591,177)
	\$ (545,098)	\$ (552,452)
Net income	\$ 3,742,903	\$ 2,861,828

The Notes to Financial Statements are an integral part of these statements.

EAST KENTUCKY NETWORK, LLC
DBA APPALACHIAN WIRELESS

STATEMENTS OF MEMBERS' EQUITY
Years Ended December 31, 2004 and 2003

	Cellular Services, Inc.	Gearhart Communi- cations Company, Inc.	Mountain Tele- communi- cations, Inc.	Thacker- Grigsby Telephone Co., Inc.	Peoples Rural Telephone Coop- erative Corp- oration, Inc.	Total
Balance, January 1, 2003	\$ 4,995,363	\$ 4,995,362	\$ 4,995,362	\$ 4,995,363	\$ 4,995,363	\$24,976,813
Net income	572,366	572,366	572,366	572,365	572,365	2,861,828
Capital contributions	500,000	500,000	500,000	500,000	500,000	2,500,000
Balance, December 31, 2003	<u>\$ 6,067,729</u>	<u>\$ 6,067,728</u>	<u>\$ 6,067,728</u>	<u>\$ 6,067,728</u>	<u>\$ 6,067,728</u>	<u>\$30,338,641</u>
Net income	748,580	748,581	748,581	748,581	748,580	3,742,903
Capital distributions	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)
Balance, December 31, 2004	<u>\$ 6,781,309</u>	<u>\$ 6,781,309</u>	<u>\$ 6,781,309</u>	<u>\$ 6,781,309</u>	<u>\$ 6,781,308</u>	<u>\$33,906,544</u>

The Notes to Financial Statements are an integral part of these statements.

EAST KENTUCKY NETWORK, LLC
DBA APPALACHIAN WIRELESS

STATEMENTS OF CASH FLOWS
Years Ended December 31, 2004 and 2003

	2004	2003
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 3,742,903	\$ 2,861,828
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation	4,084,043	3,481,218
Amortization	507,010	609,215
Changes in assets and liabilities, net of the effects of investing and financing activities:		
(Increase) decrease in accounts receivable	(276,339)	261,472
(Increase) decrease in accounts receivable, members	23,313	(77,710)
(Increase) decrease in inventory	(406,781)	437,460
(Increase) in prepaid expenses	(41,233)	(20,127)
Decrease in other assets	1,121	1,119
Increase in accounts payable	480,443	22,942
(Decrease) in accounts payable, member	(5,574)	(45,077)
Increase in accrued expenses	393,916	107,040
Increase (decrease) in customer deposits	(11,842)	47,660
Net cash provided by operating activities	\$ 8,490,980	\$ 7,687,040
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of property, plant and equipment	\$ (12,214,324)	\$ (4,933,301)
Proceeds from sale of short-term investments	2,517,468	--
Purchase of short-term investments	--	(2,517,468)
Purchase of RTFC equity certificates	(5,619)	(3,352)
Net cash (used in) investing activities	\$ (9,702,475)	\$ (7,454,121)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from capital contributions	\$ --	\$ 2,500,000
Capital distributions	(175,000)	--
Net borrowings (payments) on notes payable	1,500,000	(500,000)
Payments on long-term borrowings	(779,000)	(728,750)
Net cash provided by financing activities	\$ 546,000	\$ 1,271,250
Net increase (decrease) in cash and cash equivalents	\$ (665,495)	\$ 1,504,169
Cash and cash equivalents:		
Beginning	2,781,029	1,276,860
Ending	\$ 2,115,534	\$ 2,781,029
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION		
Cash payments for interest	\$ 619,257	\$ 531,577

The Notes to Financial Statements are an integral part of these statements.

EAST KENTUCKY NETWORK, LLC
DBA APPALACHIAN WIRELESS

NOTES TO FINANCIAL STATEMENTS

Note 1. Summary of Significant Accounting Policies

Nature of operations

East Kentucky Network, LLC, dba Appalachian Wireless, is a Kentucky limited liability company formed by the merger of Appalachian Cellular, LLC, Mountaineer Cellular, LLC and East Kentucky Network, LLC on January 1, 2000. The Company is engaged in cellular telephone communications and paging services to residential and commercial customers located in eastern Kentucky. The Company's five members consist of Cellular Services, Inc.; Gearheart Communications Company, Inc.; Mountain Telecommunications, Inc.; Peoples Rural Telephone Cooperative Corporation, Inc.; and Thacker-Grigsby Telephone Co., Inc.

Cash

The Company maintains its cash balances, which exceed the \$100,000 federally insured limit, with several financial institutions. These financial institutions have strong credit ratings and management believes that credit risk related to the accounts is minimal.

Cash equivalents

For purposes of the statement of cash flows, the Company considers temporary investments having a maturity of three months or less to be cash equivalents.

Short-term investments

Certificates of deposit having original maturities between three and nine months are classified as short-term investments, are carried at cost, which approximates fair value, and are held to maturity.

Inventory

Inventory is composed of cellular telephone equipment, paging equipment, and accessories purchased for resale during the ordinary course of business. The inventory is valued at the lower of cost or market, cost being determined by the first-in, first-out (FIFO) method.

Property, plant and equipment

Property, plant and equipment are recorded at cost. Depreciation is provided using the straight-line method over the estimated useful lives of the assets.

Investment

The investment in affiliated company is composed of equity certificates in Rural Telephone Finance Cooperative and is reported at cost, which approximates fair value.

NOTES TO FINANCIAL STATEMENTS

Note 1. Summary of Significant Accounting Policies (Continued)

Intangible assets

The customer lists, non-compete agreements, FCC licenses, and use of name are recorded at cost and are being amortized over 15 years by the straight-line method. The excess cost over the fair value of the net assets acquired (goodwill) related to paging acquisitions is measured for impairment on an annual basis, and written down, if necessary, to its estimated value at that time.

Recognition of revenue

Cellular service and paging revenues are recognized when earned. Monthly access and feature charges are billed one month in advance and recognized as revenue the following month. Revenue from telephone and accessories sold are recognized as revenue upon delivery to the customer.

Advertising

Advertising costs are expensed as incurred. At December 31, 2004 and 2003, these costs were \$688,001 and \$470,732, respectively.

Income taxes

Under existing provisions of the Internal Revenue Code, the income or loss of a limited liability company is recognized by the members for income tax purposes. Accordingly, no provision for income tax has been provided for in the accompanying financial statements.

Use of estimates

Management uses estimates and assumptions in preparing financial statements. Those estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities, and the reported revenues and expenses.

Reclassification

Certain amounts presented in the prior year have been restated to conform with the current year presentation.

NOTES TO FINANCIAL STATEMENTS

Note 2. Intangible Assets

Intangible assets consist of the following at December 31, 2004:

	Gross Amount	Accumulated Amortization
Customer lists	\$ 5,363,530	\$ (1,438,317)
Non-compete agreements	220,348	(92,218)
FCC licenses	841,593	(198,350)
Use of name	10,000	(3,001)
Other	68,879	(9,786)
	\$ 6,504,350	\$ (1,741,672)

Intangible assets consist of the following at December 31, 2003:

	Gross Amount	Accumulated Amortization
Customer lists	\$ 5,363,530	\$ (1,080,021)
Non-compete agreements	220,348	(77,498)
FCC licenses	841,593	(132,073)
Use of name	10,000	(2,333)
Other	25,839	(9,422)
	\$ 6,461,310	\$ (1,301,347)

Aggregate amortization expense related to these intangible assets for the years ended December 31, 2004 and 2003 totaled \$440,325 and \$547,652, respectively. The following represents the total estimated amortization of intangible assets for each of the succeeding five years:

Year ending December 31:

2005	\$ 500,000
2006	500,000
2007	500,000
2008	500,000
2009	500,000

\$ 2,500,000
\$ 2,500,000

NOTES TO FINANCIAL STATEMENTS

Note 3. Notes Payable

Notes payable consist of the following:

	December 31,	
	2004	2003
RTFC, Line of Credit (a)	\$ --	\$ 1,800,000
Cumberland Mountain Paging (b)	400,000	400,000
Total	\$ 400,000	\$ 2,200,000

(a) The Company has a line of credit agreement with Rural Telephone Finance Cooperative (RTFC) that provides for borrowings up to \$5,000,000. The outstanding balance at December 31, 2004 and 2003 was \$3,300,000 and \$1,800,000, respectively. The agreement carries an interest rate at prime, plus one and one-half percent, is unsecured and was renewed June 28, 2004 for 24 months. Accordingly, the note is presented in the financial statements as long-term debt at December 31, 2004 (see Note 4).

(b) The Company issued two promissory notes in connection with the acquisition of certain paging assets. Both notes were due in one year with interest at a rate of 4%. The remaining note with a balance of \$400,000 is currently due, but the Company is negotiating the amount based upon the purchased customer lists.

Note 4. Long-Term Debt

Long-term debt as of December 31, 2004 and 2003 consists of the following:

	December 31, 2004		
	Balance	Current	Long-Term
Notes payable, RTFC:			
Dated 11/13/97, variable rate (6.15% at 12/31/04)	\$ 218,285	\$ 22,714	\$ 195,571
Dated 11/13/97, variable rate (6.15% at 12/31/04)	999,575	104,012	895,563
Dated 11/13/97, fixed rate (7.20% at 12/31/04)	813,493	81,476	732,017
Dated 12/31/98, fixed rate (7.25% at 12/31/04)	677,532	55,516	622,016
Dated 02/13/01, variable rate (5.85% at 12/31/04)	861,952	89,750	781,209
Dated 02/13/01, variable rate (5.85% at 12/31/04)	1,011,829	94,791	917,038
Dated 07/27/01, variable rate (5.85% at 12/31/04)	2,845,311	408,121	2,437,190
Line of credit, variable rate (6.40% at 12/31/04)	3,300,000	--	3,300,000
	\$10,727,984	\$ 847,380	\$ 9,880,604

NOTES TO FINANCIAL STATEMENTS

Note 4. Long-Term Debt (Continued)

	December 31, 2003		
	Balance	Current	Long-Term
Notes payable, RTFC:			
Dated 11/13/97, variable rate (4.40% at 12/31/03)	\$ 240,199	\$ 20,054	\$ 220,145
Dated 11/13/97, variable rate (4.40% at 12/31/03)	1,093,351	95,994	997,357
Dated 11/13/97, fixed rate (7.20% at 12/31/03)	893,978	73,946	820,032
Dated 12/31/98, fixed rate (7.25% at 12/31/03)	733,212	52,230	680,982
Dated 02/13/01, variable rate (4.20% at 12/31/03)	932,054	76,974	855,080
Dated 02/13/01, variable rate (4.20% at 12/31/03)	1,094,112	90,358	1,003,754
Dated 07/27/01, variable rate (4.20% at 12/31/03)	3,220,078	388,499	2,831,579
	\$ 8,206,984	\$ 798,055	\$ 7,408,929

The notes payable to Rural Telephone Finance Cooperative (RTFC) are secured by mortgage and security agreements that include substantially all of the assets of the Company. In addition, the Company is required to purchase equity certificates in RTFC equal to 5% of the total amounts borrowed. The notes are payable in quarterly installments over 15 years with interest at variable or fixed rates set by RTFC.

The line of credit agreement with RTFC provides for borrowings up to \$5,000,000. The agreement carries an interest rate at prime, plus one and one-half percent, is unsecured and was renewed June 28, 2004 for 24 months. Accordingly, the note is presented in the financial statements as long-term debt at December 31, 2004 (see Note 3).

Approximate maturities or payments required on principal under note payable agreements for each of the succeeding five years are as follows:

Year ending December 31:

2005	\$ 847,380
2006	4,200,418
2007	956,799
2008	1,016,735
2009	1,080,451

NOTES TO FINANCIAL STATEMENTS

Note 5. Retirement Plans

The Company has a 401(k) plan for qualifying employees who have reached twenty-one years of age. Eligible employees are allowed to invest up to 15% of their compensation and the Company has agreed to match 100% of the first 3% of the employees' contribution and 50% of the employees' contribution between 3% and 5%. The Company contributed \$58,929 and \$59,472 matching funds for its 401(k) plan during the years ended December 31, 2004 and 2003, respectively.

The Company also offers an employer sponsored retirement savings plan for qualified employees who have reached twenty-one years of age. The Company has agreed to contribute 9% of the eligible employee's compensation, plus an additional 5% of the original contribution. The Company contributed \$214,464 and \$205,832 to its retirement savings plan during the years ended December 31, 2004 and 2003, respectively.

Note 6. Related Party Transactions

The Company shares personnel with one of its members. The Company paid \$111,438 and \$126,331 for shared personnel during the years ended December 31, 2004 and 2003 respectively. The Company also leased offices and warehouse space from two members. The leases are for an unspecified length of time. The monthly lease payments total approximately \$7,000. In addition, the Company incurred interconnection charges from its members aggregating \$812,794 and \$765,004 for the years ended December 31, 2004 and 2003, respectively.

The Company leases two cellular tower sites from the officers and majority shareholders of a member for \$100 per month for each site. The leases are for an unspecified length of time. In addition, the Company leases two other sites from a company owned by this member for \$600 each on a month to month basis.

The Company leases cellular tower sites from the parent company of one of its other members for \$1,039 per month. The leases are for five years with options to renew.

Note 7. Operating Leases

The Company has entered into operating leases with its members and other customers to provide fiber optic transmission capacity and ancillary services. The terms of these leases are for 15 years.

Total rental income earned from these operating lease commitments included in the statements of income were \$1,442,016 and \$1,157,527 for the years ended December 31, 2004 and 2003, respectively. Rental income earned from the Company's members from these leases was \$1,132,545 and \$858,714 for the years ended December 31, 2004 and 2003, respectively.

NOTES TO FINANCIAL STATEMENTS

Note 7. Operating Leases (Continued)

Investments in operating leases are as follows at December 31:

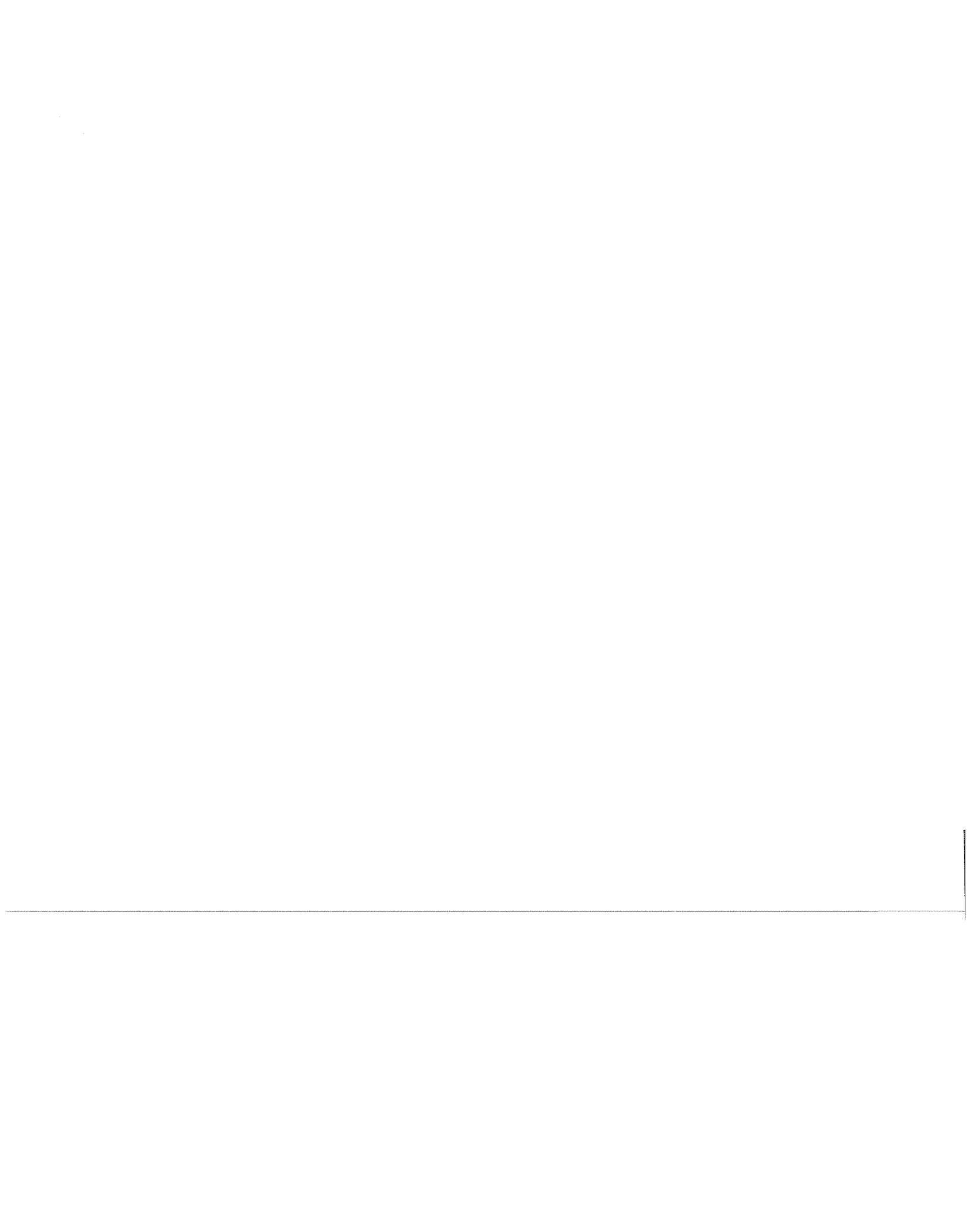
	2004	2003
Fiber ring	4,484,626	3,987,697
Accumulated depreciation	(563,677)	(355,090)
	\$ 3,920,949	\$ 3,632,607

The future minimum rental payments expected to be received under these lease agreements for each of the succeeding five years are approximately \$700,000 each year based upon new contracts negotiated during 2005.

The Company has also entered into lease agreements with its members to obtain fiber optic transmission and digital microwave transmission services. The terms of these leases are for 15 years.

Rental expenses incurred under these operating lease commitments included in the statements of income were \$54,420 and \$247,095 for the years ended December 31, 2004 and 2003, respectively.

The future minimum lease payments required under these lease agreements for each of the succeeding five years are \$115,734 each year.



DIRECTIONS TO CANOE TOWER SITE, BREATHITT COUNTY, KY

Beginning at the Breathitt County Court House, Jackson, Ky. , going North East on Main Street to the junction of Rt. 1812 a distance of .2 miles.

Turning left on Rt. 1812 and going to the junction of route 15 and 30 a distance of .1 mile.

Turn left on Route 15 and 30 and go a distance of 1 mile.

Turn left on Route 30 and go a distance of 10.8 miles.

Turn left on the tower access road and go a distance of .4 miles to the tower site.

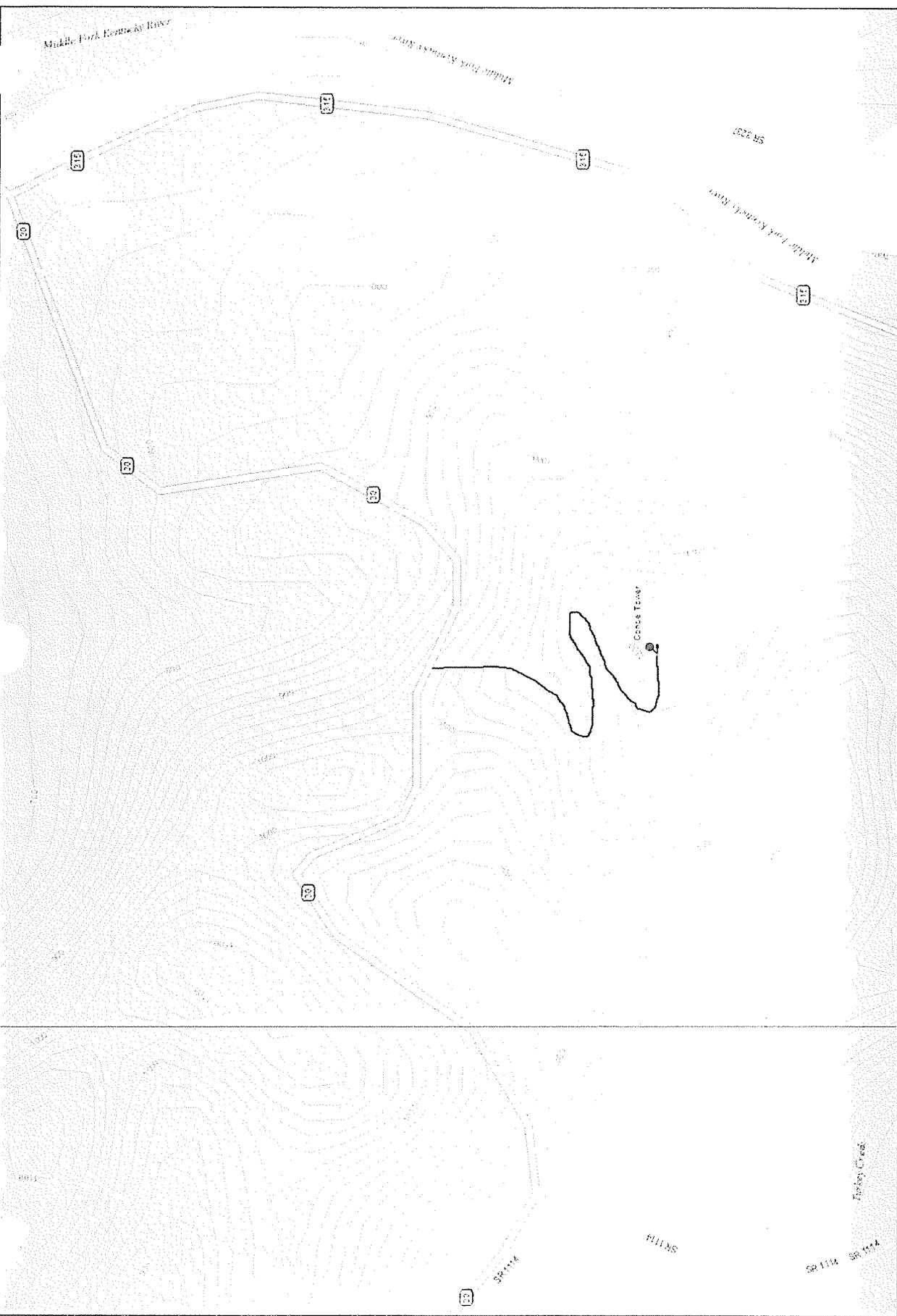
A total distance from the Courthouse to the tower site of 12.5 miles.

Directions by Dennis Shepherd.

Phone number; 606-785-9500

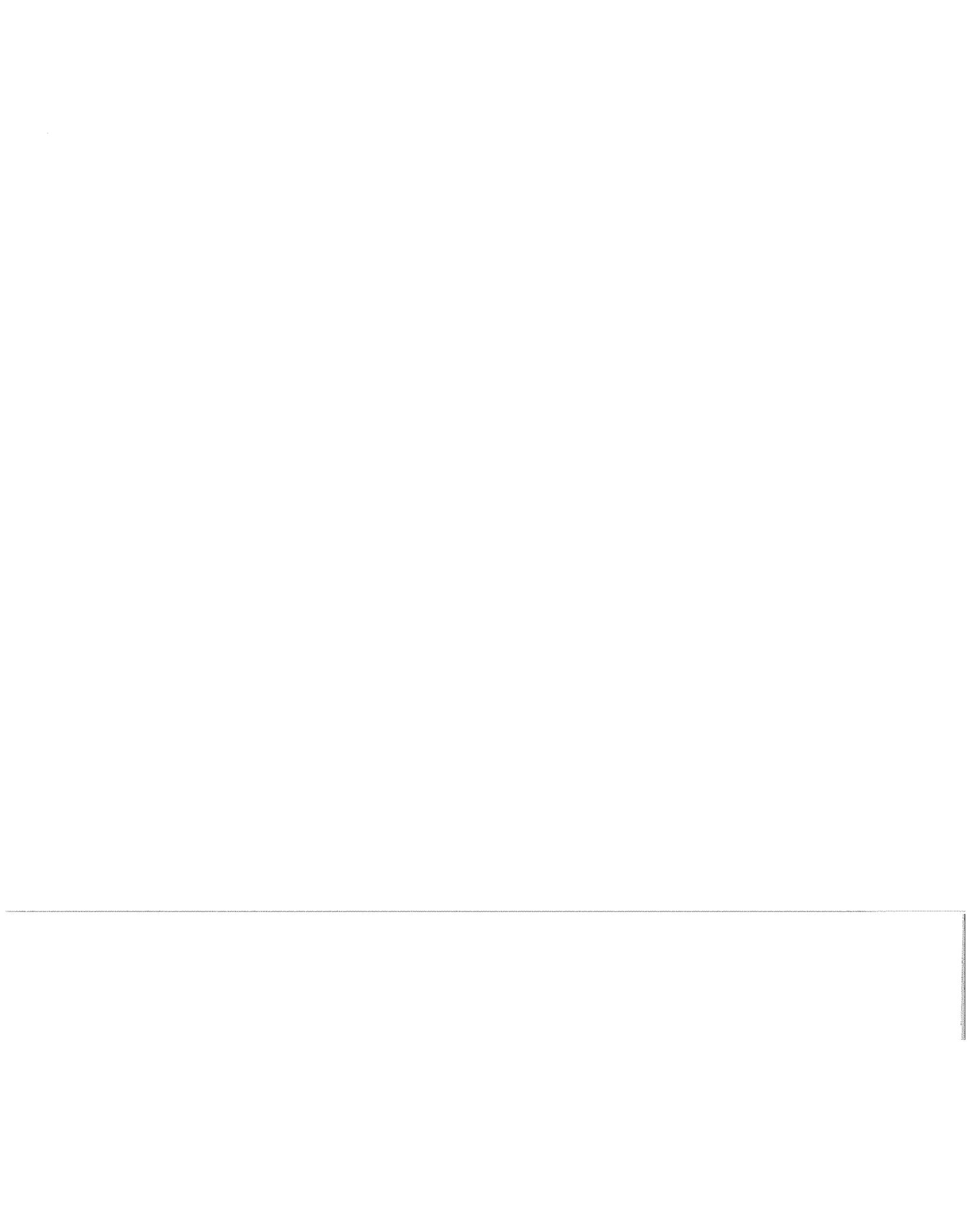
4@ 5.0

Top



Data Zoom 15-2

Data use subject to license.
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 www.delorme.com



LEASE AGREEMENT

THIS LEASE is made and executed on the 22 day of October, 2004 by and between **Maxine Johnson, widow**, with a mailing address of 11958 Turkey Creek Road, Booneville, Kentucky 41314, hereinafter referred to as "LESSOR", and **East Kentucky Network, LLC**, d/b/a **Appalachian Cellular**, P.O. Box 405, Prestonsburg, Kentucky 41653, hereinafter referred to as "LESSEE":

WITNESSETH:

That for and in consideration of the rents and other considerations hereinafter set out and subject to the terms and conditions therefore, Lessor does hereby lease, let and demise unto Lessee, its successors and assigns, to have and to hold for the term hereinafter set out and subject to the Lessee's right to surrender or terminate this Lease and provided hereinafter, the following described premises ("Leased Premises"), which term shall include all real property, rights and privileges herein granted:

BEING a part of the same property conveyed to Lessor by the following instruments: Arch Johnson and Maxine Johnson, his wife, by deed dated November 7, 1960 from Mary Lou Watson, et al, recorded in Deed Book 108, Page 440; by deed recorded on or about April 28, 1959 and of recorded in Deed Book 105, Page 599, and by the Last Will and Testament of Arch W. Johnson, deceased, recorded in Will Book 8, Page 459, all of recorded in the Breathitt County Clerk's Office.

BEING the same property described by metes and bounds in the description attached hereto and made a part hereof as Exhibit "A", and as shown on the plat dated 7 day of August 2004, prepared by Richard G. Brown, Licensed Professional Land Surveyor, and attached hereto and made a part hereof as Exhibit "B."

Lessor further grants unto Lessee, the right of ingress and egress to the Leased Premises, together with the right to build or place facilities thereon and/or a pad for

housing or containing equipment and facilities, including a utility pole, together with other equipment to secure such facilities. Lessee shall further have the right to run power lines, telephone lines, coaxial lines, to and from the Leased Premises and to build, construct and to maintain a road over and across Lessor's remaining property at a suitable location to be agreed upon by Lessor and Lessee, all for the purpose of Lessee's business, but for no other purpose. In the event Lessors lease or sell other property to another cellular provider, such entity shall be required to reimburse Lessee for one-half (1/2) of the costs of road construction and one-half (1/2) the costs of powerline extension, if and only if, such road and powerlines are used by such provider. If the other provider uses a road and powerlines located elsewhere on Lessor's property, then Lessee shall not be entitled to such reimbursement from such provider.

This Lease is made on the following terms and conditions:

1. **TERM OF LEASE.** The term of this Lease shall be for a period of twenty-five (25) years from and after the date hereof ("Initial Term"), with the exclusive of option of Lessee to extend the Leasehold for a second term of twenty-five (25) years each ("Additional Term"). In the event that Lessee desires to extend this Lease Agreement, it shall give Lessor's notice of such intention in writing at least sixty (60) days before expiration of the Initial Term.

2. **CANCELLATION.** Lessee shall have the right to terminate this Lease and abandon the Premises at any time under its sole discretion, upon thirty (30) days written notice to Lessor's of its intention to do so. In the event of termination by Lessee, the Lessor shall have no obligation to refund all or any portion of the annual Leasehold rental payment that has been paid. Upon termination of this Lease, Lessee shall have One Hundred Eighty (180) days thereafter to remove its tower, facilities and any improvements on the Lease

Premises, and reclaim the property to its condition as of the beginning of this Lease as far as reasonably possible.

3. RENTAL. As rental for the Leased Premises during the Initial Term, Lessee shall pay to the Lessor annually and in advance the sum of Twenty Four Hundred Dollars (\$2,400.00) per annum beginning with the first payment to be made upon execution of this Lease, and due thereafter each on the anniversary date hereof for each year that this Lease remains in effect.

4. RENTAL - ADDITIONAL TERM(S). In the even this Lease Agreement is extended for an Additional Term the annual rental payable shall be increased by a sum equal to twenty five percent (25%) of the rent provided for in Numerical Paragraph 3 so that Three Thousand Dollars (\$3,000.00) per annum shall be the annual rent due during the Additional Term.

5. USE OF PREMISES. Lessee shall use the Leased Premises for the purpose of constructing buildings, towers, guy lines, anchors and other related facilities, including, but not limited to telephone lines, coaxial lines, power lines and the installation of any and all other equipment deemed necessary by Lessee to receive and transmit any and all electronic signals in the rural service area now or hereafter to be served by the facility. The parties hereto recognize that technology in the communications field is advancing at a rapid rate and that this site may be used for any other purpose now in the development stage or which may later be developed in the communications industry to carry out the objectives of Lessee, that being to transmit and receive signals and communications by wire, fiber optics, radio and satellite.

Lessee will gate its access road in a manner to best prevent the dumping of garbage near the highway. The gate shall be kept locked with a lock furnished by Lessee, who shall

also furnish the Lessor with a key to the lock. Lessee shall not allow any persons not associated with its business to have access to the Leased Premises or its access road. Lessee shall be responsible for construction and maintenance of the access road its builds, and same shall be used only for access to the Leased Premises.

6. INDEMNITY. Lessee agrees to indemnify and save harmless the Lessors from any liability by virtue of Lessee's activities upon the Leased Premises or in the exercise of any rights and privileges granted herein, specifically including but not limited to any claim, loss, fine, penalty and costs (including reasonable attorney's fees) arising out of any violation of any environmental laws or regulations. This provision shall survive the termination of the lease. Lessee shall maintain and keep in full force and effect public liability and property damage insurance in an amount of at least One Million Dollars (\$1,000,000.00). Lessors shall not be held liable for personal injury or property damage on the Leased Premises whether or not associated with Lessee.

7. NOTICES. All notices, demands, or other writings in this Lease Agreement provided to be given, made or sent, or which may be given or made or sent, to either party hereto to the other, shall be deemed to have been fully given or made or sent when made in writing and deposited in the United States Mail, certified and postage prepaid, to Lessors and Lessee at the addresses stated in the caption of this Lease Agreement. Such addresses may be changed by written notice given by such party as above provided.

8. SUCCESSORS AND ASSIGNS. This Lease Agreement shall be binding upon the parties hereto, their heirs, executors, administrators and assigns.

WITNESS OUR HANDS, the day and year aforesaid.

LESSOR:

Maxine Johnson
Maxine Johnson

EAST KENTUCKY NETWORK, LLC
d/b/a APPALACHIAN CELLULAR

BY: Laura Phipps

ITS: General Manager

STATE OF KENTUCKY

COUNTY OF Breathitt

The foregoing Lease Agreement was this 22 day of October, 2004, produced and acknowledged before me by **Maxine Johnson, widow**, Lessor.

Dennis Stephens
NOTARY PUBLIC
COMMISSION EXPIRES: Oct 22 - 2005

STATE OF KENTUCKY

COUNTY OF Floyd

The foregoing Lease Agreement was this 28 day of October, 2004, produced and acknowledged before me by **East Kentucky Network, LLC, dba Appalachian Cellular** by Laura Phipps, its General Manager Lessee.

Dennis Stephens
NOTARY PUBLIC
COMMISSION EXPIRES: Oct 22 - 2005

This is to certify that this instrument was prepared by:

William S. Kendrick

WILLIAM S. KENDRICK, ATTORNEY
FRANCIS, KENDRICK & FRANCIS
P.O. Box 268
Prestonsburg, Kentucky 41653
606/886-2812

STATE OF KENTUCKY
COUNTY OF BREATHITT

Clerk's Certificate of
Lodgment and Record

I, Jony Watts, Clerk of the County for the County and State aforesaid, certify that the foregoing Lease Agreement was on the 1st day of Nov, 2004 lodged for record, whereupon the same, with the foregoing and this certificate have been duly recorded in my office.

WITNESS my hand, this 3rd day of Nov, 2004.

Jony Watts Clerk
By Stella Robinson D.C.

Lease Book-29
Page-507

PROPERTY DESCRIPTION
ARCH JOHNSON

Situated on Turkey Creek of the Middle Fork of the Kentucky River, near Shoulderblade, Breathitt County, Kentucky and beginning on a one-half inch iron rebar with plastic cap stamped PLS 2734 set on the center of a point, being S 72°04'38" W 25.16 feet from a one-half inch rebar with plastic cap stamped PLS 2734 set on the top of a knob which divides the property of Arch Johnson and Sam Combs Heirs; thence leaving said point and down the hill S 03°29'53" E 88.08' feet to a one-half inch rebar with plastic cap stamped PLS 2734, witnessed by a 11" chestnut oak; thence running along the side of the hill N 81°29'52" W 202.66 feet to a one-half inch rebar with plastic cap stamped PLS 2734, witnessed by a 7" maple; thence up the hill N 14°53'32" E 86.38 feet to a one-half inch rebar with plastic cap stamped PLS 2734 on the center of the point, witnessed by a 21" hickory; thence down the hill N 11 44'14" W 88.01 feet to a one-half inch rebar with plastic cap stamped PLS 2734, witnessed by a 14" birch; thence running along the side of the hill S 81°56'57" E 187.41 feet to a one-half inch rebar with plastic cap stamped PLS 2734, witnessed by a 21" maple; thence up the hill S 03°29'12" E 85.61 feet to the point of beginning and containing approximately 0.715 acre, as surveyed by Richard G. Brown, PLS, of R.R. Crawford Engineering, Whitesburg, Kentucky. Said survey completed September 7, 2004.

The above described tract is a part of lands conveyed by Mary Lou and Arthur Watson to Arch and Maxine Johnson by deed dated November 7, 1960, and recorded in Deed Book 108, Page 440, records of the Breathitt County Court Clerk's Office.

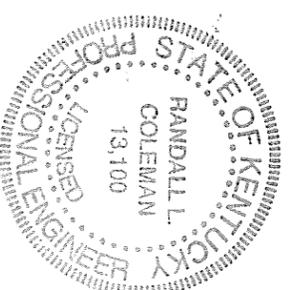
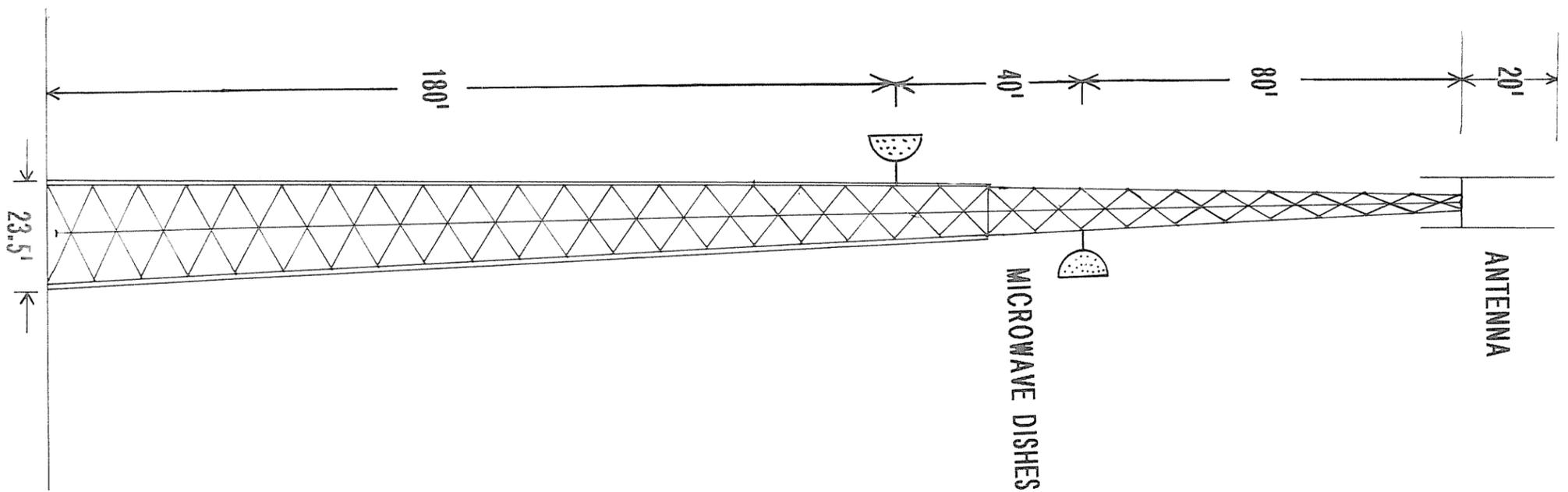
This description was prepared on September 10, 2004, based on surveying conducted on the ground under my supervision. Right of ways or easements could exist on, under or through this property and not be referenced in this description.

Richard G. Brown, PLS
Kentucky LS 2734

RECEIVED
2004 NOV 1 PM 12 03
BREATHITT COUNTY CLERK

CANOE TOWER
VERTICAL PROFILE SKETCH
APPALACHIAN WIRELESS

SCALE: 1" = 30'



RLLC
2/19/06

RANDALL L. COLEMAN PE# 13100

Note: This is a vertical profile sketch of the tower indicating the proposed antenna and dish elevations. No design criteria was considered in

ARCH JOHNSON
12060 HWY 30 WEST
BOONEVILLE, KY. 41314
108/440

DAVID A. COMBS
15 BURLINGTON AVE.
DAYTON, OHIO 45403
159/135

ARCH JOHNSON
12060 HWY 30 WEST
BOONEVILLE, KY. 41314
108/440

SAM COMBS HEIRS
C/O SUSAN COMBS CHAPMAN
170 HWY 315
BOONEVILLE, KY. 41314
195/614

ARCH JOHNSON
12060 HWY 30 WEST
BOONEVILLE, KY. 41314
108/440

SAM COMBS HEIRS
C/O SUSAN COMBS CHAPMAN
170 HWY 315
BOONEVILLE, KY. 41314
195/614

NO BUILDINGS OR STRUCTURES
OBSERVED WITHIN 500' OF TOWER

PROPOSED TOWER

POINT OF
ENTRY

EXISTING
ACCESS ROAD

PROPERTY LINE

PROPERTY LINE

30

30

500' RADIUS

500' RADIUS

PROPE